

Table B-4
Summary of Soil QA/QC Sample Results - Trip Blanks and Rinsate Blanks
Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location		20071003EB	20071004EB	20071005TB	20071008EB	20071008TB	20071011TB	20071012EB	20071016TB	20071017EB	20071017EB2	20071017TB	20071018TB
Collection Date	CAS No.	10/3/2007	10/4/2007	10/5/2007	10/8/2007	10/8/2007	10/11/2007	10/12/2007	10/16/2007	10/17/2007	10/17/2007	10/17/2007	10/18/2007
Parameter													
Volatile Organic Compounds													
1,1,1-TRICHLOROETHANE	71-55-6	U <0.21	---	U <0.21	U <0.21	U <0.21	U <0.21	<0.21	U <0.21	U <0.21	U <0.21	U <0.21	U <0.21
1,1,2,2-TETRACHLOROETHANE	79-34-5	U <0.23	---	U <0.23	U <0.23	U <0.23	U <0.23	<0.23	U <0.23	U <0.23	U <0.23	U <0.23	U <0.23
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2-TRICHLOROETHANE	79-00-5	U <0.27	---	U <0.27	U <0.27	U <0.27	U <0.27	<0.27	U <0.27	U <0.27	U <0.27	U <0.27	U <0.27
1,1-DICHLOROETHANE	75-34-3	U <0.17	---	U <0.17	U <0.17	U <0.17	U <0.17	<0.17	U <0.17	U <0.17	U <0.17	U <0.17	U <0.17
1,1-DICHLOROETHENE	75-35-4	U <0.44	---	U <0.44	U <0.44	U <0.44	U <0.44	<0.44	U <0.44	U <0.44	U <0.44	U <0.44	U <0.44
1,2,3-TRICHLOROBENZENE	87-61-6	---	---	---	---	---	---	---	---	---	---	---	---
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	---	---	---	---	---	---	---	---	---	---	---	---
1,2-DIBROMOETHANE	106-93-4	---	---	---	---	---	---	---	---	---	---	---	---
1,2-DICHLOROETHANE	107-06-2	U <0.21	---	U <0.21	U <0.21	U <0.21	U <0.21	<0.21	U <0.21	U <0.21	U <0.21	U <0.21	U <0.21
1,2-DICHLOROPROPANE	78-87-5	U <0.25	---	U <0.25	U <0.25	U <0.25	U <0.25	<0.25	U <0.25	U <0.25	U <0.25	U <0.25	U <0.25
1,4-DIOXANE	123-91-1												
2-HEXANONE	591-78-6	U <0.31	---	U <0.31	U <0.31	U <0.31	U <0.31	<0.31	U <0.31	U <0.31	U <0.31	U <0.31	U <0.31
ACETONE	67-64-1	U <1.3	---	U <1.3	UJ <1.3	UJ <1.3	UJ <1.3	9	UJ <1.3	UJ <1.3	UJ <1.3	UJ <1.3	U <1.3
BENZENE	71-43-2	U <0.25	---	U <0.25	U <0.25	U <0.25	U <0.25	<0.25	U <0.25	U <0.25	U <0.25	U <0.25	U <0.25
BROMODICHLOROMETHANE	75-27-4	U <0.2	---	U <0.2	U <0.2	U <0.2	U <0.2	<0.2	U <0.2	U <0.2	U <0.2	U <0.2	U <0.2
BROMOMETHANE	74-83-9	U <0.49	---	U <0.49	U <0.49	U <0.49	U <0.49	<0.49	U <0.49	U <0.49	U <0.49	U <0.49	U <0.49
CARBON DISULFIDE	75-15-0	U <0.17	---	U <0.17	U <0.17	U <0.17	U <0.17	<0.17	U <0.17	U <0.17	U <0.17	U <0.17	U <0.17
CARBON TETRACHLORIDE	56-23-5	U <0.26	---	U <0.26	U <0.26	U <0.26	U <0.26	<0.26	U <0.26	U <0.26	U <0.26	U <0.26	U <0.26
CHLOROBENZENE	108-90-7	U <0.27	---	U <0.27	U <0.27	U <0.27	U <0.27	<0.27	U <0.27	U <0.27	U <0.27	U <0.27	U <0.27
CHLOROBROMOMETHANE	74-97-5												
CHLOROETHANE	75-00-3	U <0.18	---	UJ <0.18	U <0.18	U <0.18	U <0.18	<0.18	U <0.18	UJ <0.18	UJ <0.18	UJ <0.18	U <0.18
CHLOROFORM	67-66-3	U <0.17	---	U <0.17	U <0.17	U <0.17	U <0.17	<0.17	U <0.17	U <0.17	U <0.17	U <0.17	U <0.17
CHLOROMETHANE	74-87-3	U <0.26	---	U <0.26	U <0.26	U <0.26	U <0.26	<0.26	U <0.26	U <0.26	U <0.26	U <0.26	U <0.26
CIS-1,2-DICHLOROETHYLENE	156-59-2	U <0.14	---	U <0.14	U <0.14	U <0.14	U <0.14	<0.14	U <0.14	U <0.14	U <0.14	U <0.14	U <0.14
CIS-1,3-DICHLOROPROPENE	10061-01-5	U <0.18	---	U <0.18	U <0.18	U <0.18	U <0.18	<0.18	U <0.18	U <0.18	U <0.18	U <0.18	U <0.18
CYCLOHEXANE	110-82-7	---	---	---	---	---	---	---	---	---	---	---	---
DIBROMOCHLOROMETHANE	124-48-1	U <0.17	---	U <0.17	U <0.17	U <0.17	U <0.17	<0.17	U <0.17	U <0.17	U <0.17	U <0.17	U <0.17
DICHLORODIFLUROMETHANE	75-71-8	---	---	---	---	---	---	---	---	---	---	---	---
ETHYLBENZENE	100-41-4	U <0.23	---	U <0.23	U <0.23	U <0.23	U <0.23	<0.23	U <0.23	U <0.23	U <0.23	U <0.23	U <0.23
ISOPROPYLBENZENE	98-82-8	---	---	---	---	---	---	---	---	---	---	---	---
METHYL ACETATE	79-20-9	---	---	---	---	---	---	---	---	---	---	---	---
METHYL ETHYL KETONE (2-BUTANONE)	78-93-3	U <1	---	UJ <1	UJ <1	UJ <1	UJ <1	<1	UJ <1	UJ <1	UJ <1	UJ <1	U <1
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	108-10-1	U <0.56	---	U <0.56	U <0.56	U <0.56	U <0.56	<0.56	U <0.56	U <0.56	U <0.56	U <0.56	U <0.56
METHYL TERT-BUTYL ETHER	1634-04-4	---	---	---	---	---	---	---	---	---	---	---	---
METHYLCYCLOHEXANE	108-87-2	---	---	---	---	---	---	---	---	---	---	---	---
METHYLENE CHLORIDE (DICHLOROMETHANE)	75-09-2	U <0.25	---	U <0.25	U <0.25	U <0.25	U <0.25	<0.25	U <0.25	U <0.25	U <0.25	U <0.25	U <0.25
STYRENE	100-42-5	U <0.17	---	U <0.17	U <0.17	U <0.17	U <0.17	<0.17	U <0.17	U <0.17	U <0.17	U <0.17	U <0.17
TERT-BUTYL METHYL ETHER	1634-04-4	---	---	---	---	---	---	---	---	---	---	---	---
TETRACHLOROETHYLENE (PCE)	127-18-4	U <0.28	---	U <0.28	U <0.28	U <0.28	U <0.28	<0.28	U <0.28	U <0.28	U <0.28	U <0.28	U <0.28
TOLUENE	108-88-3	U <0.24	---	U <0.24	U <0.24	U <0.24	U <0.24	<0.24	U <0.24	U <0.24	U <0.24	U <0.24	U <0.24
TRANS-1,2-DICHLOROETHENE	156-60-5	U <0.33	---	U <0.33	U <0.33	U <0.33	U <0.33	<0.33	U <0.33	U <0.33	U <0.33	U <0.33	U <0.33
TRANS-1,3-DICHLOROPROPENE	10061-02-6	U <0.12	---	U <0.12	U <0.12	U <0.12	U <0.12	<0.12	U <0.12	U <0.12	U <0.12	U <0.12	U <0.12
TRIBOMOMETHANE (BROMOFORM)	75-25-2	U <0.15	---	U <0.15	U <0.15	U <0.15	U <0.15	<0.15	U <0.15	U <0.15	U <0.15	U <0.15	U <0.15
TRICHLOROETHYLENE (TCE)	79-01-6	U <0.27	---	U <0.27	U <0.27	U <0.27	U <0.27	<0.27	U <0.27	U <0.27	U <0.27	U <0.27	U <0.27
TRICHLOROFLUOROMETHANE	75-69-4	---	---	---	---	---	---	---	---	---	---	---	---
VINYL CHLORIDE	75-01-4	U <0.26	---	U <0.26	U <0.26	U <0.26	U <0.26	<0.26	U <0.26	U <0.26	U <0.26	U <0.26	U <0.26
XYLENES, TOTAL	1330-20-7	U <0.55	---	U <0.55	U <0.55	U <0.55	U <0.55	<0.55	U <0.55	U <0.55	U <0.55	U <0.55	U <0.55

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Collection Date	CAS No.		10/3/2007	10/4/2007	10/5/2007	10/8/2007	10/8/2007	10/11/2007	10/12/2007	10/16/2007	10/17/2007	10/17/2007	10/17/2007	10/18/2007
Parameter														
Semi-Volatile Organic Compounds														
1,1'-BIPHENYL	92-52-4	East Area 2	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4,5-TETRACHLOROBENZENE	95-94-3		---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-TRICHLOROBENZENE	120-82-1		U <0.41	U <0.41	---	U <0.41	---	---	<0.41	---	U <0.41	U <0.41	---	---
1,2-BENZPHENANTHRACENE (CHRYSENE)	218-01-9		U <0.3	U <0.3	---	U <0.3	---	---	<0.3	---	UJ <0.3	UJ <0.3	---	---
1,2-DICHLOROBENZENE	95-50-1		U <0.48	U <0.48	---	U <0.48	---	---	<0.48	---	U <0.48	U <0.48	---	---
1,3-DICHLOROBENZENE	541-73-1		U <0.48	U <0.48	---	U <0.48	---	---	<0.48	---	U <0.48	U <0.48	---	---
1,4-DICHLOROBENZENE	106-46-7		U <0.2	U <0.2	---	U <0.2	---	---	<0.2	---	U <0.2	U <0.2	---	---
2,3,4,6-TETRACHLOROPHENOL	58-90-2		---	---	---	---	---	---	---	---	---	---	---	---
2,4,5-TRICHLOROPHENOL	95-95-4		U <0.85	U <0.85	---	U <0.85	---	---	<0.85	---	UJ <0.85	UJ <0.85	---	---
2,4,6-TRICHLOROPHENOL	88-06-2		U <0.84	U <0.84	---	U <0.84	---	---	<0.84	---	UJ <0.84	UJ <0.84	---	---
2,4-DICHLOROPHENOL	120-83-2		U <0.6	U <0.6	---	U <0.6	---	---	<0.6	---	UJ <0.6	UJ <0.6	---	---
2,4-DIMETHYLPHENOL	105-67-9		U <1.2	U <1.2	---	U <1.2	---	---	<1.2	---	U <1.2	U <1.2	---	---
2,4-DINITROPHENOL	51-28-5		U <1.1	U <1.1	---	U <1.2	---	---	<1.1	---	U <1.1	U <1.1	---	---
2,4-DINITROTOLUENE	121-14-2		U <0.45	U <0.45	---	U <0.47	---	---	<0.45	---	U <0.45	U <0.45	---	---
2,6-DINITROTOLUENE	606-20-2		U <0.37	U <0.37	---	U <0.39	---	---	<0.37	---	U <0.37	U <0.37	---	---
2-CHLORONAPHTHALENE	91-58-7		U <0.32	U <0.32	---	U <0.32	---	---	<0.32	---	UJ <0.32	UJ <0.32	---	---
2-CHLOROPHENOL	95-57-8		U <0.53	U <0.53	---	U <0.53	---	---	<0.53	---	U <0.53	U <0.53	---	---
2-METHYLNAPHTHALENE	91-57-6		U <0.37	U <0.37	---	U <0.37	---	---	<0.37	---	U <0.37	U <0.37	---	---
2-METHYLPHENOL (O-CRESOL)	95-48-7		U <0.91	U <0.91	---	U <0.91	---	---	<0.91	---	U <0.91	U <0.91	---	---
2-NITROANILINE	88-74-4		U <0.69	U <0.69	---	U <0.72	---	---	<0.69	---	UJ <0.69	UJ <0.69	---	---
2-NITROPHENOL	88-75-5		U <1	U <1	---	U <1	---	---	<1	---	U <1	U <1	---	---
3,3'-DICHLOROBENZIDINE	91-94-1		U <2.1	U <2.1	---	U <2.2	---	---	<2.1	---	UJ <2.1	UJ <2.1	---	---
3-NITROANILINE	99-09-2		U <0.47	U <0.47	---	U <0.49	---	---	<0.47	---	U <0.47	U <0.47	---	---
4,6-DINITRO-2-METHYLPHENOL	534-52-1		U <0.37	U <0.37	---	U <0.39	---	---	<0.37	---	U <0.37	U <0.38	---	---
4-BROMOPHENYL PHENYL ETHER	101-55-3		U <0.46	U <0.46	---	U <0.46	---	---	<0.46	---	U <0.46	U <0.46	---	---
4-CHLORO-3-METHYLPHENOL	59-50-7		U <0.75	U <0.75	---	U <0.75	---	---	<0.75	---	UJ <0.75	UJ <0.75	---	---
4-CHLOROANILINE	106-47-8		U <0.72	U <0.72	---	U <0.72	---	---	<0.72	---	U <0.72	U <0.72	---	---
4-CHLOROPHENYL PHENYL ETHER	7005-72-3		U <0.24	U <0.24	---	U <0.24	---	---	<0.24	---	UJ <0.24	UJ <0.24	---	---
4-METHYLPHENOL (P-CRESOL)	106-44-5		U <0.89	U <0.89	---	U <0.89	---	---	<0.89	---	U <0.89	U <0.89	---	---
4-NITROANILINE	100-01-6		U <0.49	U <0.49	---	U <0.51	---	---	<0.49	---	U <0.49	U <0.49	---	---
4-NITROPHENOL	100-02-7		U <0.51	U <0.51	---	U <0.54	---	---	<0.51	---	U <0.51	U <0.53	---	---
ACENAPHTHENE	83-32-9		U <0.27	U <0.27	---	U <0.27	---	---	<0.27	---	UJ <0.27	UJ <0.27	---	---
ACENAPHTHYLENE	208-96-8		U <0.26	U <0.26	---	U <0.26	---	---	<0.26	---	UJ <0.26	UJ <0.26	---	---
ACETOPHENONE	98-86-2		---	---	---	---	---	---	---	---	---	---	---	---
ANTHRACENE	120-12-7		U <0.11	U <0.11	---	U <0.11	---	---	<0.11	---	U <0.11	U <0.11	---	---
ATRAZINE	1912-24-9		---	---	---	---	---	---	---	---	---	---	---	---
BENZALDEHYDE	100-52-7		---	---	---	---	---	---	---	---	---	---	---	---
BENZO(A)ANTHRACENE	56-55-3		UJ <0.2	U <0.2	---	UJ <0.2	---	---	<0.2	---	UJ <0.2	UJ <0.2	---	---
BENZO(A)PYRENE	50-32-8		U <0.25	U <0.25	---	U <0.25	---	---	<0.25	---	U <0.25	U <0.25	---	---
BENZO(B)FLUORANTHENE	205-99-2		U <0.28	U <0.28	---	U <0.28	---	---	<0.28	---	U <0.28	U <0.28	---	---
BENZO(G,H,I)PERYLENE	191-24-2		U <0.32	U <0.32	---	U <0.32	---	---	<0.32	---	U <0.32	U <0.32	---	---
BENZO(K)FLUORANTHENE	207-08-9		U <0.21	U <0.21	---	U <0.21	---	---	<0.21	---	U <0.21	U <0.21	---	---

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Parameter															
BIS (2-CHLOROETHOXY) METHANE	111-91-1	East Area 2	U	<0.34	U	<0.34	---	---	<0.34	---	U	<0.34	U	<0.34	
BIS (2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	111-44-4		U	<0.75	U	<0.75	---	---	---	<0.75	---	U	<0.75	U	<0.75
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7		U	<0.42	U	<0.42	---	---	---	<0.42	---	UJ	<0.42	UJ	<0.42
BIS(2-CHLOROISOPROPYL)ETHER	108-60-1		U	<0.4	U	<0.4	---	---	---	<0.4	---	U	<0.4	U	<0.4
BUTYL BENZYL PHTHALATE	85-68-7		U	<0.15	U	<0.15	---	---	---	<0.15	---	U	<0.15	U	<0.15
CAPROLACTAM	105-60-2			---	---	---	---	---	---	---	---	---	---	---	---
CARBAZOLE	86-74-8		U	<0.2	U	<0.2	---	---	---	<0.2	---	U	<0.2	U	<0.2
DIBENZ(A,H)ANTHRACENE	53-70-3		U	<0.46	U	<0.46	---	UJ	<0.46	<0.46	---	U	<0.46	U	<0.46
DIBENZOFURAN	132-64-9		U	<0.3	U	<0.3	---	U	<0.3	<0.3	---	UJ	<0.3	UJ	<0.3
DIETHYL PHTHALATE	84-66-2		U	<0.23	U	<0.23	---	U	<0.23	<0.23	---	UJ	<0.23	UJ	<0.23
DIMETHYL PHTHALATE	131-11-3		U	<0.25	U	<0.25	---	U	<0.25	<0.25	---	UJ	<0.25	UJ	<0.25
DI-N-BUTYLPHthalate	84-74-2		U	<0.18	U	<0.18	---	U	<0.18	<0.18	---	U	<0.18	U	<0.18
DI-N-OCTYLPHthalate	117-84-0		U	<0.35	U	<0.35	---	U	<0.35	<0.35	---	U	<0.35	U	<0.35
FLUORANTHENE	206-44-0		U	<0.21	U	<0.21	---	U	<0.21	<0.21	---	U	<0.21	U	<0.21
FLUORENE	86-73-7		U	<0.18	U	<0.18	---	U	<0.18	<0.18	---	U	<0.18	U	<0.18
HEXACHLOROBENZENE	118-74-1		U	<0.4	U	<0.4	---	U	<0.4	<0.4	---	U	<0.4	U	<0.4
HEXACHLOROBUTADIENE	87-68-3		U	<0.5	U	<0.5	---	U	<0.52	<0.5	---	U	<0.5	U	<0.5
HEXACHLOROCYCLOPENTADIENE	77-47-4		U	<0.48	U	<0.48	---	U	<0.48	<0.48	---	U	<0.48	U	<0.48
HEXACHLOROETHANE	67-72-1		UJ	<0.88	U	<0.88	---	UJ	<0.88	<0.88	---	U	<0.88	U	<0.88
INDENO (1,2,3-C,D) PYRENE	193-39-5		U	<0.33	U	<0.33	---	U	<0.33	<0.33	---	U	<0.33	U	<0.33
ISOPHORONE	78-59-1		U	<0.2	U	<0.2	---	U	<0.2	<0.2	---	U	<0.2	U	<0.2
NAPHTHALENE	91-20-3		U	<0.26	U	<0.26	---	U	<0.26	<0.26	---	U	<0.26	U	<0.26
NITROBENZENE	98-95-3		U	<0.35	U	<0.35	---	U	<0.35	<0.35	---	U	<0.35	U	<0.35
N-NITROSODI-N-PROPYLAMINE	621-64-7		U	<0.56	U	<0.56	---	U	<0.56	<0.56	---	U	<0.56	U	<0.56
N-NITROSODIPHENYLAMINE	86-30-6		U	<0.23	U	<0.23	---	U	<0.23	<0.23	---	U	<0.23	U	<0.23
PENTACHLOROPHENOL	87-86-5		U	<0.79	U	<0.79	---	U	<0.84	<0.79	---	UJ	<0.79	UJ	<0.81
PHENANTHRENE	85-01-8		U	<0.24	U	<0.24	---	U	<0.24	<0.24	---	UJ	<0.24	UJ	<0.24
PHENOL	108-95-2		U	<0.42	U	<0.42	---	U	<0.42	<0.42	---	U	<0.42	U	<0.42
PYRENE	129-00-0		U	<0.21	U	<0.21	---	U	<0.21	<0.21	---	U	<0.21	U	<0.21
Pesticides															
ALDRIN	309-00-2	East Area 2	U	<0.02	U	<0.02	---	---	<0.021	---	U	<0.022	UJ	<0.021	
ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	319-84-6		U	<0.02	U	<0.02	---	---	---	<0.021	---	U	<0.022	UJ	<0.021
ALPHA ENDOSULFAN	959-98-8		U	<0.02	U	<0.02	---	---	---	<0.021	---	U	<0.022	UJ	<0.021
BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	319-85-7		U	<0.02	U	<0.02	---	---	---	<0.021	---	U	<0.022	UJ	<0.021
BETA ENDOSULFAN	33213-65-9		U	<0.02	U	<0.02	---	---	---	<0.021	---	U	<0.022	UJ	<0.021
CHLORDANE	57-74-9		U	<0.19	U	<0.19	---	---	---	<0.2	---	U	<0.21	UJ	<0.2
DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	319-86-8		U	<0.02	U	<0.02	---	---	---	<0.021	---	U	<0.022	UJ	<0.021
DIELDRIN	60-57-1		U	<0.02	U	<0.02	---	---	---	<0.021	---	U	<0.022	UJ	<0.021
ENDOSULFAN I	959-98-8			---	---	---	---	---	---	---	---	---	---	---	---
ENDOSULFAN II	33213-65-9			---	---	---	---	---	---	---	---	---	---	---	---
ENDOSULFAN SULFATE	1031-07-8		U	<0.02	U	<0.02	---	U	<0.02	<0.021	---	U	<0.022	UJ	<0.021
ENDRIN	72-20-8		U	<0.02	U	<0.02	---	U	<0.02	<0.021	---	U	<0.022	UJ	<0.021
ENDRIN ALDEHYDE	7421-93-4		U	<0.02	U	<0.02	---	U	<0.02	<0.021	---	U	<0.022	UJ	<0.021
ENDRIN KETONE	53494-70-5		U	<0.02	U	<0.02	---	U	<0.02	<0.021	---	U	<0.022	UJ	<0.021
GAMMA BHC (LINDANE)	58-89-9		U	<0.02	U	<0.02	---	U	<0.02	<0.021	---	U	<0.022	UJ	<0.021
HEPTACHLOR	76-44-8		U	<0.02	U	<0.02	---	U	<0.02	<0.021	---	U	<0.022	UJ	<0.021
HEPTACHLOR EPOXIDE	1024-57-3		U	<0.02	U	<0.02	---	U	<0.02	<0.021	---	U	<0.022	UJ	<0.021
METHOXYCHLOR	72-43-5		U	<0.03	U	<0.03	---	U	<0.03	<0.031	---	U	<0.034	UJ	<0.031
P,P'-DDD	72-54-8		U	<0.02	U	<0.02	---	U	<0.02	<0.021	---	U	<0.022	UJ	<0.021
P,P'-DDE	72-55-9		U	<0.02	U	<0.02	---	U	<0.02	<0.021	---	U	<0.022	UJ	<0.021
P,P'-DDT	50-29-3		U	<0.02	U	<0.02	---	U	<0.02	<0.021	---	U	<0.022	UJ	<0.021
TOXAPHENE (CAMPHECHLOR)	8001-35-2		U	<0.15	U	<0.15	---	U	<0.15	<0.16	---	U	<0.17	UJ	<0.16

Table B-4
Summary of Soil QA/QC Sample Results - Trip Blanks and Rinsate Blanks
Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location	CAS No.	20071003EB 20071004EB 20071005TB 20071008EB 20071008TB 20071011TB 20071012EB 20071016TB 20071017EB 20071017EB2 20071017TB 20071018TB																
Collection Date		10/3/2007 10/4/2007 10/5/2007 10/8/2007 10/8/2007 10/11/2007 10/12/2007 10/16/2007 10/17/2007 10/17/2007 10/17/2007 10/17/2007 10/18/2007																
Parameter																		
Metals																		
ALUMINUM	7429-90-5	East Area 2	U	<150	U	<150	---	U	<77.4	---	---	<62.6	---	U	<62.6	103	---	---
ANTIMONY	7440-36-0		U	<10	U	<10	---	U	<4.9	---	---	<5.8	---	U	<5.8	U	<5.8	---
ARSENIC	7440-38-2		U	<6	U	<6	---	U	<4.5	---	---	<3.2	---	U	<3.2	U	<3.2	---
BARIUM	7440-39-3		U	<10	U	<10	---	UJ	<1.3	---	---	<1.7	---	U	<1.7	U	<1.7	---
BERYLLIUM	7440-41-7		U	<2	U	<2	---	UJ	<0.1	---	---	<0.3	---	U	<0.3	U	<0.3	---
CADMIUM	7440-43-9		U	<3	U	<3	---	UJ	<0.5	---	---	<0.4	---	U	<0.4	U	<0.4	---
CALCIUM	7440-70-2			165		153	---	U	<74.5	---	---	<193	---	U	<42.5	U	<42.5	---
CHROMIUM (TOTAL)	7440-47-3		U	<10	U	<10	---	U	<2.8	---	---	2.1	---	U	<1.6	U	<1.6	---
COBALT	7440-48-4		U	<10	U	<10	---	U	<3.5	---	---	<1.7	---	U	<1.7	U	<1.7	---
COPPER	7440-50-8		U	<4.1		3.9	---	UJ	<3.1	---	---	<3.7	---	U	<3.7	U	<3.7	---
IRON	7439-89-6		U	<100	U	<100	---	J	56.3	---	---	<39.2	---	U	<39.2	U	<39.2	---
LEAD	7439-92-1		UJ	<6	U	<6	---	UJ	<2.2	---	---	<2.7	---	U	<2.7	U	<2.7	---
MAGNESIUM	7439-95-4		U	<500	U	<500	---	U	<70	---	---	<41.6	---	U	<41.6	U	<41.6	---
MANGANESE	7439-96-5			1.8	U	<10	---	U	<2.9	---	---	<1.2	---	U	<1.2	U	<1.2	---
NICKEL	7440-02-0			3.5	U	<10	---	U	<3.9	---	---	<2.4	---	U	<2.4	U	<2.4	---
POTASSIUM	7440-09-7		U	<589		624	---	U	<305	---	---	<315	---	U	<315	U	<315	---
SELENIUM	7782-49-2		U	<10	U	<10	---	U	<4.8	---	---	<4.2	---	U	<4.2	U	<4.2	---
SILVER	7440-22-4		U	<10	U	<10	---	U	<1.2	---	---	<1.4	---	U	<1.4	U	<1.4	---
SODIUM	7440-23-5		U	<3000	U	<3000	---	U	<361	---	---	<396	---	U	<396	U	<396	---
THALLIUM	7440-28-0		U	<10	U	<10	---	U	<4.8	---	---	<4.7	---	U	<4.7	U	<5.7	---
VANADIUM	7440-62-2		U	<10	U	<10	---	U	<1.5	---	---	<3	---	U	<3	U	<3	---
ZINC	7440-66-6		U	<25	U	<25	---	U	<5.8	---	---	<5.8	---	U	<5.8	U	<5.8	---
MERCURY	7439-97-6		UJ	<0.1	U	<0.1	---	U	<0.1	---	---	<16.7	---	U	<0.1	U	<0.1	---

Notes:
All results in µg/L
U = Non-detect at the Reporting Detection Limit shown
UJ = Estimated Non-detect at the Reporting Detection Limit shown
J = Estimated value
-- Sample not analyzed (analysis not requested) for this parameter
or datum was rejected
TB = Trip Blank; EB = Equipment Blank

Table B-4
Summary of Soil QA/QC Sample Results - Trip Blanks and Rinsate Blanks
Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location			20071022EB	20071022TB	20071112EB	20071112TB	20071113EB	20071113TB	20071114TB	20071115TB	20071120TB	20071128TB	20071129EB	20071129TB
Collection Date	CAS No.		10/22/2007	10/22/2007	11/12/2007	11/12/2007	11/13/2007	11/13/2007	11/14/2007	11/15/2007	11/20/2007	11/28/2007	11/29/2007	11/29/2007
Parameter														
Volatile Organic Compounds														
1,1,1-TRICHLOROETHANE	71-55-6	East Area 2	U	<0.21	U	<0.21	U	<0.21	U	<0.21	U	<0.21	U	<0.21
1,1,2,2-TETRACHLOROETHANE	79-34-5		U	<0.23	U	<0.23	U	<0.23	U	<0.23	U	<0.23	U	<0.23
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1			---		---		---		---		---		---
1,1,2-TRICHLOROETHANE	79-00-5		U	<0.27	U	<0.27	U	<0.27	U	<0.27	U	<0.27	U	<0.27
1,1-DICHLOROETHANE	75-34-3		U	<0.17	U	<0.17	U	<0.17	U	<0.17	U	<0.17	U	<0.17
1,1-DICHLOROETHENE	75-35-4		U	<0.44	U	<0.44	U	<0.44	U	<0.44	U	<0.44	U	<0.44
1,2,3-TRICHLOROBENZENE	87-61-6			---		---		---		---		---		---
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8			---		---		---		---		---		---
1,2-DIBROMOETHANE	106-93-4			---		---		---		---		---		---
1,2-DICHLOROETHANE	107-06-2		U	<0.21	U	<0.21	U	<0.21	U	<0.21	U	<0.21	U	<0.21
1,2-DICHLOROPROPANE	78-87-5		U	<0.25	U	<0.25	U	<0.25	U	<0.25	U	<0.25	U	<0.25
1,4-DIOXANE	123-91-1													
2-HEXANONE	591-78-6		U	<0.31	U	<0.31	U	<0.31	U	<0.31	U	<0.31	U	<0.31
ACETONE	67-64-1		UJ	<1.3	UJ	<1.3	U	<1.3	U	<1.3	U	<1.3	U	<1.3
BENZENE	71-43-2		U	<0.25	U	<0.25	U	<0.25	U	<0.25	U	<0.25	U	<0.25
BROMODICHLOROMETHANE	75-27-4		U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2
BROMOMETHANE	74-83-9		U	<0.49	U	<0.49	U	<0.49	U	<0.49	U	<0.49	U	<0.49
CARBON DISULFIDE	75-15-0		U	<0.17	U	<0.17	U	<0.17	U	<0.17	U	<0.17	U	<0.17
CARBON TETRACHLORIDE	56-23-5		U	<0.26	U	<0.26	U	<0.26	U	<0.26	U	<0.26	U	<0.26
CHLOROBENZENE	108-90-7		U	<0.27	U	<0.27	U	<0.27	U	<0.27	U	<0.27	U	<0.27
CHLOROBROMOMETHANE	74-97-5													
CHLOROETHANE	75-00-3		U	<0.18	U	<0.18	U	<0.18	U	<0.18	U	<0.18	U	<0.18
CHLOROFORM	67-66-3		U	<0.17	U	<0.17	U	<0.17	U	<0.17	U	<0.17	U	<0.17
CHLOROMETHANE	74-87-3		U	<0.26	U	<0.26	U	<0.26	U	<0.26	U	<0.26	U	<0.26
CIS-1,2-DICHLOROETHYLENE	156-59-2		U	<0.14	U	<0.14	U	<0.14	U	<0.14	U	<0.14	U	<0.14
CIS-1,3-DICHLOROPROPENE	10061-01-5		U	<0.18	U	<0.18	U	<0.18	U	<0.18	U	<0.18	U	<0.18
CYCLOHEXANE	110-82-7			---		---		---		---		---		---
DIBROMOCHLOROMETHANE	124-48-1		U	<0.17	U	<0.17	U	<0.17	U	<0.17	U	<0.17	U	<0.17
DICHLORODIFLUROMETHANE	75-71-8			---		---		---		---		---		---
ETHYLBENZENE	100-41-4		U	<0.23	U	<0.23	U	<0.23	U	<0.23	U	<0.23	U	<0.23
ISOPROPYLBENZENE	98-82-8			---		---		---		---		---		---
METHYL ACETATE	79-20-9			---		---		---		---		---		---
METHYL ETHYL KETONE (2-BUTANONE)	78-93-3		UJ	<1	UJ	<1	U	<1	U	<1	U	<1	U	<1
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	108-10-1		U	<0.56	U	<0.56	U	<0.56	U	<0.56	U	<0.56	U	<0.56
METHYL TERT-BUTYL ETHER	1634-04-4			---		---		---		---		---		---
METHYLCYCLOHEXANE	108-87-2			---		---		---		---		---		---
METHYLENE CHLORIDE (DICHLOROMETHANE)	75-09-2		U	<0.25	U	<0.25	U	<0.25	U	<0.25	U	<0.25	U	<0.25
STYRENE	100-42-5		U	<0.17	U	<0.17	U	<0.17	U	<0.17	U	<0.17	U	<0.17
TERT-BUTYL METHYL ETHER	1634-04-4			---		---		---		---		---		---
TETRACHLOROETHYLENE (PCE)	127-18-4		U	<0.28	U	<0.28	U	<0.28	U	<0.28	U	<0.28	U	<0.28
TOLUENE	108-88-3	U	<0.24	U	<0.24	U	<0.24	U	<0.24	U	<0.24	U	<0.24	
TRANS-1,2-DICHLOROETHENE	156-60-5	U	<0.33	U	<0.33	U	<0.33	U	<0.33	U	<0.33	U	<0.33	
TRANS-1,3-DICHLOROPROPENE	10061-02-6	U	<0.12	U	<0.12	U	<0.12	U	<0.12	U	<0.12	U	<0.12	
TRIBOMOMETHANE (BROMOFORM)	75-25-2	U	<0.15	U	<0.15	U	<0.15	U	<0.15	U	<0.15	U	<0.15	
TRICHLOROETHYLENE (TCE)	79-01-6	U	<0.27	U	<0.27	U	<0.27	U	<0.27	U	<0.27	U	<0.27	
TRICHLOROFLUOROMETHANE	75-69-4		---		---		---		---		---		---	
VINYL CHLORIDE	75-01-4	U	<0.26	U	<0.26	U	<0.26	U	<0.26	U	<0.26	U	<0.26	
XYLENES, TOTAL	1330-20-7	U	<0.55	U	<0.55	U	<0.55	U	<0.55	U	<0.55	U	<0.55	

Table B-4
Summary of Soil QA/QC Sample Results - Trip Blanks and Rinsate Blanks
Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location			20071022EB	20071022TB	20071112EB	20071112TB	20071113EB	20071113TB	20071114TB	20071115TB	20071120TB	20071128TB	20071129EB	20071129TB
Collection Date	CAS No.		10/22/2007	10/22/2007	11/12/2007	11/12/2007	11/13/2007	11/13/2007	11/14/2007	11/15/2007	11/20/2007	11/28/2007	11/29/2007	11/29/2007
Parameter														
Semi-Volatile Organic Compounds														
1,1'-BIPHENYL	92-52-4		---	---	---	---	---	---	---	---	---	---	---	---
1,2,4,5-TETRACHLOROBENZENE	95-94-3		---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-TRICHLOROBENZENE	120-82-1	U	<0.41	---	U	<0.41	---	U	<0.45	---	---	---	U	<0.41
1,2-BENZPHENANTHRACENE (CHRYSENE)	218-01-9	U	<0.3	---	U	<0.3	---	U	<0.33	---	---	---	U	<0.3
1,2-DICHLOROBENZENE	95-50-1	U	<0.48	---	U	<0.48	---	U	<0.53	---	---	---	U	<0.48
1,3-DICHLOROBENZENE	541-73-1	U	<0.48	---	U	<0.48	---	U	<0.53	---	---	---	U	<0.48
1,4-DICHLOROBENZENE	106-46-7	U	<0.2	---	U	<0.2	---	U	<0.23	---	---	---	U	<0.2
2,3,4,6-TETRACHLOROPHENOL	58-90-2		---	---	---	---	---	---	---	---	---	---	---	---
2,4,5-TRICHLOROPHENOL	95-95-4	U	<0.85	---	U	<0.85	---	U	<0.94	---	---	---	U	<0.85
2,4,6-TRICHLOROPHENOL	88-06-2	U	<0.84	---	U	<0.84	---	U	<0.92	---	---	---	U	<0.84
2,4-DICHLOROPHENOL	120-83-2	U	<0.6	---	U	<0.6	---	U	<0.66	---	---	---	U	<0.6
2,4-DIMETHYLPHENOL	105-67-9	U	<1.2	---	U	<1.2	---	U	<1.3	---	---	---	U	<1.2
2,4-DINITROPHENOL	51-28-5	U	<1.1	---	U	<1.2	---	U	<1.2	---	---	---	U	<1.1
2,4-DINITROTOLUENE	121-14-2	U	<0.45	---	U	<0.47	---	U	<0.5	---	---	---	U	<0.45
2,6-DINITROTOLUENE	606-20-2	U	<0.37	---	U	<0.39	---	U	<0.41	---	---	---	U	<0.37
2-CHLORONAPHTHALENE	91-58-7	U	<0.32	---	U	<0.32	---	U	<0.35	---	---	---	U	<0.32
2-CHLOROPHENOL	95-57-8	U	<0.53	---	U	<0.53	---	U	<0.58	---	---	---	U	<0.53
2-METHYLNAPHTHALENE	91-57-6	U	<0.37	---	U	<0.37	---	U	<0.41	---	---	---	U	<0.37
2-METHYLPHENOL (O-CRESOL)	95-48-7	U	<0.91	---	U	<0.91	---	U	<1	---	---	---	U	<0.91
2-NITROANILINE	88-74-4	U	<0.69	---	U	<0.72	---	U	<0.76	---	---	---	U	<0.69
2-NITROPHENOL	88-75-5	U	<1	---	U	<1	---	U	<1.2	---	---	---	U	<1
3,3'-DICHLOROBENZIDINE	91-94-1	U	<2.1	---	U	<2.2	---	U	<2.4	---	---	---	U	<2.1
3-NITROANILINE	99-09-2	U	<0.47	---	U	<0.49	---	U	<0.52	---	---	---	U	<0.47
4,6-DINITRO-2-METHYLPHENOL	534-52-1	U	<0.38	---	U	<0.39	---	U	<0.4	---	---	---	U	<0.37
4-BROMOPHENYL PHENYL ETHER	101-55-3	U	<0.46	---	U	<0.46	---	U	<0.5	---	---	---	U	<0.46
4-CHLORO-3-METHYLPHENOL	59-50-7	U	<0.75	---	U	<0.75	---	U	<0.82	---	---	---	U	<0.75
4-CHLOROANILINE	106-47-8	U	<0.72	---	U	<0.72	---	U	<0.79	---	---	---	U	<0.72
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	U	<0.24	---	U	<0.24	---	U	<0.26	---	---	---	U	<0.24
4-METHYLPHENOL (P-CRESOL)	106-44-5	U	<0.89	---	U	<0.89	---	U	<0.98	---	---	---	U	<0.89
4-NITROANILINE	100-01-6	U	<0.49	---	U	<0.51	---	U	<0.54	---	---	---	U	<0.49
4-NITROPHENOL	100-02-7	U	<0.53	---	U	<0.54	---	U	<0.56	---	---	---	U	<0.51
ACENAPHTHENE	83-32-9	U	<0.27	---	U	<0.27	---	U	<0.3	---	---	---	U	<0.27
ACENAPHTHYLENE	208-96-8	U	<0.26	---	U	<0.26	---	U	<0.28	---	---	---	U	<0.26
ACETOPHENONE	98-86-2		---	---	---	---	---	---	---	---	---	---	---	---
ANTHRACENE	120-12-7	U	<0.11	---	U	<0.11	---	U	<0.12	---	---	---	U	<0.11
ATRAZINE	1912-24-9		---	---	---	---	---	---	---	---	---	---	---	---
BENZALDEHYDE	100-52-7		---	---	---	---	---	---	---	---	---	---	---	---
BENZO(A)ANTHRACENE	56-55-3	U	<0.2	---	U	<0.2	---	U	<0.21	---	---	---	U	<0.2
BENZO(A)PYRENE	50-32-8	U	<0.25	---	U	<0.25	---	U	<0.28	---	---	---	U	<0.25
BENZO(B)FLUORANTHENE	205-99-2	U	<0.28	---	U	<0.28	---	U	<0.31	---	---	---	U	<0.28
BENZO(G,H,I)PERYLENE	191-24-2	U	<0.32	---	U	<0.32	---	U	<0.35	---	---	---	U	<0.32
BENZO(K)FLUORANTHENE	207-08-9	U	<0.21	---	U	<0.21	---	U	<0.23	---	---	---	U	<0.21

Table B-4
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Act 2 Soil Remedial Investigation Report
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Location Collection Date	CAS No.		20071022EB 10/22/2007	20071022TB 10/22/2007	20071112EB 11/12/2007	20071112TB 11/12/2007	20071113EB 11/13/2007	20071113TB 11/13/2007	20071114TB 11/14/2007	20071115TB 11/15/2007	20071120TB 11/20/2007	20071128TB 11/28/2007	20071129EB 11/29/2007	20071129TB 11/29/2007
Parameter														
BIS (2-CHLOROETHOXY) METHANE	111-91-1	U	<0.34	---	U	<0.34	---	U	<0.37	---	---	---	U	<0.34
BIS (2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	111-44-4	U	<0.75	---	U	<0.75	---	U	<0.82	---	---	---	U	<0.75
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	U	<0.42	---	U	<0.42	---	U	<0.46	---	---	---	U	<0.42
BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	U	<0.4	---	U	<0.4	---	U	<0.44	---	---	---	U	<0.4
BUTYL BENZYL PHTHALATE	85-68-7	U	<0.15	---	U	<0.15	---	U	<0.16	---	---	---	U	<0.15
CAPROLACTAM	105-60-2		---	---	---	---	---	---	---	---	---	---	---	---
CARBAZOLE	86-74-8	U	<0.2	---	U	<0.2	---	U	<0.23	---	---	---	U	<0.2
DIBENZ(A,H)ANTHRACENE	53-70-3	U	<0.46	---	U	<0.46	---	U	<0.51	---	---	---	U	<0.46
DIBENZOFURAN	132-64-9	U	<0.3	---	U	<0.3	---	U	<0.33	---	---	---	U	<0.3
DIETHYL PHTHALATE	84-66-2	U	<0.23	---	U	<0.23	---	U	<0.24	---	---	---	U	<0.23
DIMETHYL PHTHALATE	131-11-3	U	<0.25	---	U	<0.25	---	U	<0.28	---	---	---	U	<0.25
DI-N-BUTYLPHTHALATE	84-74-2	U	<0.18	---	U	<0.18	---	U	<0.2	---	---	---	U	<0.18
DI-N-OCTYLPHTHALATE	117-84-0	U	<0.35	---	U	<0.35	---	U	<0.38	---	---	---	U	<0.35
FLUORANTHENE	206-44-0	U	<0.21	---	U	<0.21	---	U	<0.23	---	---	---	U	<0.21
FLUORENE	86-73-7	U	<0.18	---	U	<0.18	---	U	<0.2	---	---	---	U	<0.18
HEXACHLOROBENZENE	118-74-1	U	<0.4	---	U	<0.4	---	U	<0.44	---	---	---	U	<0.4
HEXACHLOROBUTADIENE	87-68-3	U	<0.5	---	U	<0.52	---	U	<0.55	---	---	---	U	<0.5
HEXACHLOROCYCLOPENTADIENE	77-47-4	U	<0.48	---	U	<0.48	---	U	<0.53	---	---	---	U	<0.48
HEXACHLOROETHANE	67-72-1	U	<0.88	---	U	<0.88	---	U	<0.97	---	---	---	U	<0.88
INDENO (1,2,3-C,D) PYRENE	193-39-5	U	<0.33	---	U	<0.33	---	U	<0.36	---	---	---	U	<0.33
ISOPHORONE	78-59-1	U	<0.2	---	U	<0.2	---	U	<0.23	---	---	---	U	<0.2
NAPHTHALENE	91-20-3	U	<0.26	---	U	<0.26	---	U	<0.28	---	---	---	U	<0.26
NITROBENZENE	98-95-3	U	<0.35	---	U	<0.35	---	U	<0.38	---	---	---	U	<0.35
N-NITROSODI-N-PROPYLAMINE	621-64-7	U	<0.56	---	U	<0.56	---	U	<0.62	---	---	---	U	<0.56
N-NITROSODIPHENYLAMINE	86-30-6	U	<0.23	---	U	<0.23	---	U	<0.24	---	---	---	U	<0.23
PENTACHLOROPHENOL	87-86-5	U	<0.81	---	U	<0.84	---	U	<0.87	---	---	---	U	<0.79
PHENANTHRENE	85-01-8	U	<0.24	---	U	<0.24	---	U	<0.26	---	---	---	U	<0.24
PHENOL	108-95-2	U	<0.42	---	U	<0.42	---	U	<0.46	---	---	---	U	<0.42
PYRENE	129-00-0	U	<0.21	---	U	<0.21	---	U	<0.23	---	---	---	U	<0.21
Pesticides														
ALDRIN	309-00-2	U	<0.022	---	U	<0.02	---	U	<0.02	---	---	---	U	<0.022
ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	319-84-6	U	<0.022	---	U	<0.02	---	U	<0.02	---	---	---	U	<0.022
ALPHA ENDOSULFAN	959-98-8	U	<0.022	---	U	<0.02	---	U	<0.02	---	---	---	U	<0.022
BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	319-85-7	U	<0.022	---	U	<0.02	---	U	<0.02	---	---	---	U	<0.022
BETA ENDOSULFAN	33213-65-9	U	<0.022	---	U	<0.02	---	U	<0.02	---	---	---	U	<0.022
CHLORDANE	57-74-9	U	<0.2	---	U	<0.19	---	U	<0.19	---	---	---	U	<0.2
DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	319-86-8	U	<0.022	---	U	<0.02	---	U	<0.02	---	---	---	U	<0.022
DIELDRIN	60-57-1	U	<0.022	---	U	<0.02	---	U	<0.02	---	---	---	U	<0.022
ENDOSULFAN I	959-98-8		---	---	---	---	---	---	---	---	---	---	---	---
ENDOSULFAN II	33213-65-9		---	---	---	---	---	---	---	---	---	---	---	---
ENDOSULFAN SULFATE	1031-07-8	U	<0.022	---	U	<0.02	---	U	<0.02	---	---	---	U	<0.022
ENDRIN	72-20-8	U	<0.022	---	U	<0.02	---	U	<0.02	---	---	---	U	<0.022
ENDRIN ALDEHYDE	7421-93-4	U	<0.022	---	U	<0.02	---	U	<0.02	---	---	---	U	<0.022
ENDRIN KETONE	53494-70-5	U	<0.022	---	U	<0.02	---	U	<0.02	---	---	---	U	<0.022
GAMMA BHC (LINDANE)	58-89-9	U	<0.022	---	U	<0.02	---	U	<0.02	---	---	---	U	<0.022
HEPTACHLOR	76-44-8	U	<0.022	---	U	<0.02	---	U	<0.02	---	---	---	U	<0.022
HEPTACHLOR EPOXIDE	1024-57-3	U	<0.022	---	U	<0.02	---	U	<0.02	---	---	---	U	<0.022
METHOXYCHLOR	72-43-5	U	<0.032	---	U	<0.03	---	U	<0.03	---	---	---	U	<0.032
P,P'-DDD	72-54-8	U	<0.022	---	U	<0.02	---	U	<0.02	---	---	---	U	<0.022
P,P'-DDE	72-55-9	U	<0.022	---	U	<0.02	---	U	<0.02	---	---	---	U	<0.022
P,P'-DDT	50-29-3	U	<0.022	---	U	<0.02	---	U	<0.02	---	---	---	U	<0.022
TOXAPHENE (CAMPHECHLOR)	8001-35-2	U	<0.16	---	U	<0.15	---	U	<0.15	---	---	---	U	<0.16

Table B-4
Summary of Soil QA/QC Sample Results - Trip Blanks and Rinsate Blanks
Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location			20071022EB	20071022TB	20071112EB	20071112TB	20071113EB	20071113TB	20071114TB	20071115TB	20071120TB	20071128TB	20071129EB	20071129TB
Collection Date	CAS No.		10/22/2007	10/22/2007	11/12/2007	11/12/2007	11/13/2007	11/13/2007	11/14/2007	11/15/2007	11/20/2007	11/28/2007	11/29/2007	11/29/2007
Parameter														
Metals														
ALUMINUM	7429-90-5	East Area 2		66.9	---	U	<62.6	---	102	---	---	---	---	---
ANTIMONY	7440-36-0		U	<5.8	---	U	<5.8	---	---	---	---	---	U	<5.8
ARSENIC	7440-38-2		UJ	<3.2	---	U	<3.2	---	---	---	---	---	U	<3.2
BARIUM	7440-39-3		U	<1.7	---	U	<1.7	---	---	---	---	---	U	<1.7
BERYLLIUM	7440-41-7		UJ	<0.3	---	U	<0.3	---	---	---	---	---	U	<0.3
CADMIUM	7440-43-9		U	<0.4	---	U	<0.4	---	---	---	---	---	U	<0.4
CALCIUM	7440-70-2			60.6	---	U	<42.5	---	55	---	---	---	---	315
CHROMIUM (TOTAL)	7440-47-3		U	<1.6	---	U	<1.6	---	U	<1.6	---	---	U	<1.6
COBALT	7440-48-4		U	<1.7	---	U	<1.7	---	U	<1.7	---	---	U	<1.7
COPPER	7440-50-8		U	<3.7	---	U	<3.7	---	U	<3.7	---	---	U	<3.7
IRON	7439-89-6		J	79	---	U	<39.2	---	U	<39.2	---	---	---	118
LEAD	7439-92-1		U	<2.7	---	U	<2.7	---	---	---	---	---	U	<2.7
MAGNESIUM	7439-95-4		U	<41.6	---	U	<41.6	---	U	<41.6	---	---	---	49.9
MANGANESE	7439-96-5		U	<1.2	---	U	<1.2	---	U	<1.2	---	---	---	2.3
NICKEL	7440-02-0		U	<2.4	---	U	<2.4	---	U	<2.4	---	---	U	<2.4
POTASSIUM	7440-09-7		U	<315	---		432	---	452	---	---	---	---	345
SELENIUM	7782-49-2		U	<4.2	---	U	<4.2	---	U	<4.2	---	---	U	<4.2
SILVER	7440-22-4		U	<1.4	---	U	<1.4	---	---	---	---	---	U	<1.4
SODIUM	7440-23-5		U	<396	---	U	<396	---	U	<396	---	---	U	<396
THALLIUM	7440-28-0		U	<4.7	---	U	<4.7	---	U	<4.7	---	---	U	<4.7
VANADIUM	7440-62-2		U	<3	---	U	<3	---	U	<3	---	---	U	<3
ZINC	7440-66-6		U	<5.8	---	U	<5.8	---	---	---	---	---	---	9.3
MERCURY	7439-97-6		U	<0.1	---	U	<0.1	---	U	<0.1	---	---	U	<0.1

Notes:
All results in µg/L
U = Non-detect at the Reporting Detection Limit shown
UJ = Estimated Non-detect at the Reporting Detection Limit shown
J = Estimated value
-- Sample not analyzed (analysis not requested) for this parameter
or datum was rejected
TB = Trip Blank; EB = Equipment Blank

Table B-4
Summary of Soil QA/QC Sample Results - Trip Blanks and Rinsate Blanks
Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location		20071130TB	20071207TB	20081210TB	20081210TB	20081211TB	20081212TB	20081212EB	20081215TB	20081215EB	20081216TB	20081216EB	20081217TB	20081217EB
Collection Date	CAS No.	11/30/2007	12/7/2007	12/10/2008	12/10/2008	12/11/2008	12/12/2008	12/12/2008	12/15/2008	12/15/2008	12/16/2008	12/16/2008	12/17/2008	12/17/2008
Parameter														
Volatile Organic Compounds														
1,1,1-TRICHLOROETHANE	71-55-6	U <0.21	U <0.21	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5
1,1,2,2-TETRACHLOROETHANE	79-34-5	U <0.23	U <0.23	U <1	U <1	U <1	U <1	U <1	U <1	U <1	U <1	U <1	U <1	U <1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2-TRICHLOROETHANE	79-00-5	U <0.27	U <0.27	U <3	U <3	U <3	U <3	U <3	U <3	U <3	U <3	U <3	U <3	U <3
1,1-DICHLOROETHANE	75-34-3	U <0.17	U <0.17	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5
1,1-DICHLOROETHENE	75-35-4	U <0.44	U <0.44	U <2	U <2	U <2	U <2	U <2	U <2	U <2	U <2	U <2	U <2	U <2
1,2,3-TRICHLOROBENZENE	87-61-6	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-DIBROMOETHANE	106-93-4	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-DICHLOROETHANE	107-06-2	U <0.21	U <0.21	U <2	U <2	U <2	U <2	U <2	U <2	U <2	U <2	U <2	U <2	U <2
1,2-DICHLOROPROPANE	78-87-5	U <0.25	U <0.25	U <1	U <1	U <1	U <1	U <1	U <1	U <1	U <1	U <1	U <1	U <1
1,4-DIOXANE	123-91-1	---	---	---	---	---	---	---	---	---	---	---	---	---
2-HEXANONE	591-78-6	U <0.31	U <0.31	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5
ACETONE	67-64-1	U <1.3	U <1.3	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5
BENZENE	71-43-2	U <0.25	U <0.25	U <1	U <1	U <1	U <1	U <1	U <1	U <1	U <1	U <1	U <1	U <1
BROMODICHLOROMETHANE	75-27-4	U <0.2	U <0.2	U <1	U <1	U <1	U <1	U <1	U <1	U <1	U <1	U <1	U <1	U <1
BROMOMETHANE	74-83-9	U <0.49	U <0.49	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5
CARBON DISULFIDE	75-15-0	U <0.17	U <0.17	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5
CARBON TETRACHLORIDE	56-23-5	U <0.26	U <0.26	U <2	U <2	U <2	U <2	U <2	U <2	U <2	U <2	U <2	U <2	U <2
CHLOROBENZENE	108-90-7	U <0.27	U <0.27	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5
CHLOROBROMOMETHANE	74-97-5	---	---	---	---	---	---	---	---	---	---	---	---	---
CHLOROETHANE	75-00-3	U <0.18	U <0.18	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5
CHLOROFORM	67-66-3	U <0.17	U <0.17	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5
CHLOROMETHANE	74-87-3	U <0.26	U <0.26	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5
CIS-1,2-DICHLOROETHYLENE	156-59-2	U <0.14	U <0.14	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5
CIS-1,3-DICHLOROPROPENE	10061-01-5	U <0.18	U <0.18	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5
CYCLOHEXANE	110-82-7	---	---	---	---	---	---	---	---	---	---	---	---	---
DIBROMOCHLOROMETHANE	124-48-1	U <0.17	U <0.17	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5
DICHLORODIFLUROMETHANE	75-71-8	---	---	---	---	---	---	---	---	---	---	---	---	---
ETHYLBENZENE	100-41-4	U <0.23	U <0.23	U <4	U <4	U <4	U <4	U <4	U <4	U <4	U <4	U <4	U <4	U <4
ISOPROPYLBENZENE	98-82-8	---	---	---	---	---	---	---	---	---	---	---	---	---
METHYL ACETATE	79-20-9	---	---	---	---	---	---	---	---	---	---	---	---	---
METHYL ETHYL KETONE (2-BUTANONE)	78-93-3	U <1	U <1	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	108-10-1	U <0.56	U <0.56	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5
METHYL TERT-BUTYL ETHER	1634-04-4	---	---	---	---	---	---	---	---	---	---	---	---	---
METHYLCYCLOHEXANE	108-87-2	---	---	---	---	---	---	---	---	---	---	---	---	---
METHYLENE CHLORIDE (DICHLOROMETHANE)	75-09-2	U <0.25	U <0.25	U <3	U <3	U <3	U <3	U <3	U <3	U <3	U <3	U <3	U <3	U <3
STYRENE	100-42-5	U <0.17	U <0.17	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5
TERT-BUTYL METHYL ETHER	1634-04-4	---	---	---	---	---	---	---	---	---	---	---	---	---
TETRACHLOROETHYLENE (PCE)	127-18-4	U <0.28	U <0.28	U <1	U <1	U <1	U <1	U <1	U <1	U <1	U <1	U <1	U <1	U <1
TOLUENE	108-88-3	U <0.24	U <0.24	U <5	U <5	1.5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5
TRANS-1,2-DICHLOROETHENE	156-60-5	U <0.33	U <0.33	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5
TRANS-1,3-DICHLOROPROPENE	10061-02-6	U <0.12	U <0.12	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5
TRIBOMOMETHANE (BROMOFORM)	75-25-2	U <0.15	U <0.15	U <4	U <4	U <4	U <4	U <4	U <4	U <4	U <4	U <4	U <4	U <4
TRICHLOROETHYLENE (TCE)	79-01-6	U <0.27	U <0.27	U <1	U <1	U <1	U <1	U <1	U <1	U <1	U <1	U <1	U <1	U <1
TRICHLOROFLUOROMETHANE	75-69-4	---	---	---	---	---	---	---	---	---	---	---	---	---
VINYL CHLORIDE	75-01-4	U <0.26	U <0.26	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5
XYLENES, TOTAL	1330-20-7	U <0.55	U <0.55	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5	U <5

Table B-4
Summary of Soil QA/QC Sample Results - Trip Blanks and Rinsate Blanks
Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location		20071130TB	20071207TB	20081210TB	20081210TB	20081211TB	20081212TB	20081212EB	20081215TB	20081215EB	20081216TB	20081216EB	20081217TB	20081217EB
Collection Date	CAS No.	11/30/2007	12/7/2007	12/10/2008	12/10/2008	12/11/2008	12/12/2008	12/12/2008	12/15/2008	12/15/2008	12/16/2008	12/16/2008	12/17/2008	12/17/2008
Parameter														
Semi-Volatile Organic Compounds														
1,1'-BIPHENYL	92-52-4	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4,5-TETRACHLOROBENZENE	95-94-3	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-TRICHLOROBENZENE	120-82-1	---	---	---	---	---	---	U < 1	---	U < 1	---	U < 1.1	---	U < 1
1,2-BENZPHENANTHRACENE (CHRYSENE)	218-01-9	---	---	---	---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
1,2-DICHLOROBENZENE	95-50-1	---	---	---	---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
1,3-DICHLOROBENZENE	541-73-1	---	---	---	---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
1,4-DICHLOROBENZENE	106-46-7	---	---	---	---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
2,3,4,6-TETRACHLOROPHENOL	58-90-2	---	---	---	---	---	---	---	---	---	---	---	---	---
2,4,5-TRICHLOROPHENOL	95-95-4	---	---	---	---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
2,4,6-TRICHLOROPHENOL	88-06-2	---	---	---	---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
2,4-DICHLOROPHENOL	120-83-2	---	---	---	---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
2,4-DIMETHYLPHENOL	105-67-9	---	---	---	---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
2,4-DINITROPHENOL	51-28-5	---	---	---	---	---	---	U < 32	---	U < 32	---	U < 33	---	U < 31
2,4-DINITROTOLUENE	121-14-2	---	---	---	---	---	---	U < 2.1	---	U < 2.1	---	U < 2.2	---	U < 2.1
2,6-DINITROTOLUENE	606-20-2	---	---	---	---	---	---	U < 2.1	---	U < 2.1	---	U < 2.2	---	U < 2.1
2-CHLORONAPHTHALENE	91-58-7	---	---	---	---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
2-CHLOROPHENOL	95-57-8	---	---	---	---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
2-METHYLNAPHTHALENE	91-57-6	---	---	---	---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
2-METHYLPHENOL (O-CRESOL)	95-48-7	---	---	---	---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
2-NITROANILINE	88-74-4	---	---	---	---	---	---	U < 21	---	U < 21	---	U < 22	---	U < 21
2-NITROPHENOL	88-75-5	---	---	---	---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
3,3'-DICHLOROBENZIDINE	91-94-1	---	---	---	---	---	---	U < 21	---	U < 21	---	U < 22	---	U < 21
3-NITROANILINE	99-09-2	---	---	---	---	---	---	U < 21	---	U < 21	---	U < 22	---	U < 21
4,6-DINITRO-2-METHYLPHENOL	534-52-1	---	---	---	---	---	---	U < 32	---	U < 32	---	U < 33	---	U < 31
4-BROMOPHENYL PHENYL ETHER	101-55-3	---	---	---	---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
4-CHLORO-3-METHYLPHENOL	59-50-7	---	---	---	---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
4-CHLOROANILINE	106-47-8	---	---	---	---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	---	---	---	---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
4-METHYLPHENOL (P-CRESOL)	106-44-5	---	---	---	---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
4-NITROANILINE	100-01-6	---	---	---	---	---	---	U < 21	---	U < 21	---	U < 22	---	U < 21
4-NITROPHENOL	100-02-7	---	---	---	---	---	---	U < 32	---	U < 32	---	U < 33	---	U < 31
ACENAPHTHENE	83-32-9	---	---	---	---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
ACENAPHTHYLENE	208-96-8	---	---	---	---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
ACETOPHENONE	98-86-2	---	---	---	---	---	---	---	---	---	---	---	---	---
ANTHRACENE	120-12-7	---	---	---	---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
ATRAZINE	1912-24-9	---	---	---	---	---	---	---	---	---	---	---	---	---
BENZALDEHYDE	100-52-7	---	---	---	---	---	---	---	---	---	---	---	---	---
BENZO(A)ANTHRACENE	56-55-3	---	---	---	---	---	---	U < 1	---	U < 1	---	U < 1.1	---	U < 1
BENZO(A)PYRENE	50-32-8	---	---	---	---	---	---	U < 1	---	U < 1	---	U < 1.1	---	U < 1
BENZO(B)FLUORANTHENE	205-99-2	---	---	---	---	---	---	U < 1	---	U < 1	---	U < 1.1	---	U < 1
BENZO(G,H,I)PERYLENE	191-24-2	---	---	---	---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
BENZO(K)FLUORANTHENE	207-08-9	---	---	---	---	---	---	U < 1	---	U < 1	---	U < 1.1	---	U < 1

Table B-4
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Rohm and Haas Chemicals LLC Philadelphia Plant

Location	CAS No.	20071130TB	20071207TB	20081210TB	20081210TB	20081211TB	20081212TB	20081212EB	20081215TB	20081215EB	20081216TB	20081216EB	20081217TB	20081217EB		
Collection Date		11/30/2007	12/7/2007	12/10/2008	12/10/2008	12/11/2008	12/12/2008	12/12/2008	12/15/2008	12/15/2008	12/16/2008	12/16/2008	12/17/2008	12/17/2008		
Parameter																
BIS (2-CHLOROETHOXY) METHANE	111-91-1	East Area 2	---	---	---	West Production Area	---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
BIS (2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	111-44-4		---	---	---		---	---	---	U < 1	---	U < 1	---	U < 1.1	---	U < 1
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7		---	---	---		---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
BIS(2-CHLOROISOPROPYL)ETHER	108-60-1		---	---	---		---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
BUTYL BENZYL PHTHALATE	85-68-7		---	---	---		---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
CAPROLACTAM	105-60-2		---	---	---		---	---	---	---	---	---	---	---	---	---
CARBAZOLE	86-74-8		---	---	---		---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
DIBENZ(A,H)ANTHRACENE	53-70-3		---	---	---		---	---	---	U < 1	---	U < 1	---	U < 1.1	---	U < 1
DIBENZOFURAN	132-64-9		---	---	---		---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
DIETHYL PHTHALATE	84-66-2		---	---	---		---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
DIMETHYL PHTHALATE	131-11-3		---	---	---		---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
DI-N-BUTYLPHTHALATE	84-74-2		---	---	---		---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
DI-N-OCTYLPHTHALATE	117-84-0		---	---	---		---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
FLUORANTHENE	206-44-0		---	---	---		---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
FLUORENE	86-73-7		---	---	---		---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
HEXACHLOROBENZENE	118-74-1		---	---	---		---	---	---	U < 1	---	U < 1	---	U < 1.1	---	U < 1
HEXACHLOROBUTADIENE	87-68-3		---	---	---		---	---	---	U < 2.1	---	U < 2.1	---	U < 2.2	---	U < 2.1
HEXACHLOROCYCLOPENTADIENE	77-47-4		---	---	---		---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
HEXACHLOROETHANE	67-72-1		---	---	---		---	---	---	U < 1	---	U < 1	---	U < 1.1	---	U < 1
INDENO (1,2,3-C,D) PYRENE	193-39-5		---	---	---		---	---	---	U < 1	---	U < 1	---	U < 1.1	---	U < 1
ISOPHORONE	78-59-1		---	---	---		---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
NAPHTHALENE	91-20-3		---	---	---		---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
NITROBENZENE	98-95-3		---	---	---		---	---	---	U < 1	---	U < 1	---	U < 1.1	---	U < 1
N-NITROSODI-N-PROPYLAMINE	621-64-7		---	---	---		---	---	---	U < 1	---	U < 1	---	U < 1.1	---	U < 1
N-NITROSODIPHENYLAMINE	86-30-6		---	---	---		---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
PENTACHLOROPHENOL	87-86-5		---	---	---		---	---	---	U < 32	---	U < 32	---	U < 33	---	U < 31
PHENANTHRENE	85-01-8		---	---	---		---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
PHENOL	108-95-2		---	---	---		---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
PYRENE	129-00-0		---	---	---		---	---	---	U < 10	---	U < 10	---	U < 11	---	U < 10
Pesticides																
ALDRIN	309-00-2	East Area 2	---	---	---	West Production Area	---	---	---	U < 0.05	---	U < 0.05	---	U < 0.07	---	U < 0.05
ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	319-84-6		---	---	---		---	---	---	U < 0.05	---	U < 0.05	---	U < 0.07	---	U < 0.05
ALPHA ENDOSULFAN	959-98-8		---	---	---		---	---	---	---	---	---	---	---	---	---
BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	319-85-7		---	---	---		---	---	---	U < 0.05	---	U < 0.05	---	U < 0.07	---	U < 0.05
BETA ENDOSULFAN	33213-65-9		---	---	---		---	---	---	---	---	---	---	---	---	---
CHLORDANE	57-74-9		---	---	---		---	---	---	U < 0.5	---	U < 0.5	---	U < 0.6	---	U < 0.5
DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	319-86-8		---	---	---		---	---	---	U < 0.05	---	U < 0.05	---	U < 0.07	---	U < 0.05
DIELDRIN	60-57-1		---	---	---		---	---	---	U < 0.05	---	U < 0.05	---	U < 0.07	---	U < 0.05
ENDOSULFAN I	959-98-8		---	---	---		---	---	---	U < 0.05	---	U < 0.05	---	U < 0.07	---	U < 0.05
ENDOSULFAN II	33213-65-9		---	---	---		---	---	---	U < 0.05	---	U < 0.05	---	U < 0.07	---	U < 0.05
ENDOSULFAN SULFATE	1031-07-8		---	---	---		---	---	---	U < 0.05	---	U < 0.05	---	U < 0.07	---	U < 0.05
ENDRIN	72-20-8		---	---	---		---	---	---	U < 0.05	---	U < 0.05	---	U < 0.07	---	U < 0.05
ENDRIN ALDEHYDE	7421-93-4		---	---	---		---	---	---	U < 0.05	---	U < 0.05	---	U < 0.07	---	U < 0.05
ENDRIN KETONE	53494-70-5		---	---	---		---	---	---	U < 0.02	---	U < 0.02	---	U < 0.07	---	U < 0.05
GAMMA BHC (LINDANE)	58-89-9		---	---	---		---	---	---	U < 0.05	---	U < 0.05	---	U < 0.07	---	U < 0.05
HEPTACHLOR	76-44-8		---	---	---		---	---	---	U < 0.05	---	U < 0.05	---	U < 0.07	---	U < 0.05
HEPTACHLOR EPOXIDE	1024-57-3		---	---	---		---	---	---	U < 0.05	---	U < 0.05	---	U < 0.07	---	U < 0.05
METHOXYCHLOR	72-43-5		---	---	---		---	---	---	U < 0.03	---	U < 0.03	---	U < 0.07	---	U < 0.05
P,P'-DDD	72-54-8		---	---	---		---	---	---	U < 0.05	---	U < 0.05	---	U < 0.07	---	U < 0.05
P,P'-DDE	72-55-9		---	---	---		---	---	---	U < 0.05	---	U < 0.05	---	U < 0.07	---	U < 0.05
P,P'-DDT	50-29-3		---	---	---		---	---	---	U < 0.05	---	U < 0.05	---	U < 0.07	---	U < 0.05
TOXAPHENE (CAMPHECHLOR)	8001-35-2		---	---	---		---	---	---	U < 0.5	---	U < 0.5	---	U < 0.6	---	U < 0.5

Table B-4
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Rohm and Haas Chemicals LLC Philadelphia Plant

Location	CAS No.	20071130TB	20071207TB	20081210TB	20081210TB	20081211TB	20081212TB	20081212EB	20081215TB	20081215EB	20081216TB	20081216EB	20081217TB	20081217EB		
Collection Date		11/30/2007	12/7/2007	12/10/2008	12/10/2008	12/11/2008	12/12/2008	12/12/2008	12/15/2008	12/15/2008	12/16/2008	12/16/2008	12/17/2008	12/17/2008		
Parameter																
Metals																
ALUMINUM	7429-90-5	East Area 2	---	---	---	West Production Area	---	---	---	U < 77.4	---	U < 77.4	---	U < 62.6	---	U < 62.6
ANTIMONY	7440-36-0		---	---	---		---	---	---	U < 4.9	---	U < 4.9	---	U < 5.8	---	U < 5.8
ARSENIC	7440-38-2		---	---	---		---	---	---	U < 4.5	---	U < 4.5	---	U < 3.2	---	U < 3.2
BARIUM	7440-39-3		---	---	---		---	---	---	U < 1.3	---	UJ < 1.3	---	U < 1.7	---	U < 1.7
BERYLLIUM	7440-41-7		---	---	---		---	---	---	U < 0.1	---	UJ < 0.1	---	U < 0.3	---	U < 0.3
CADMIUM	7440-43-9		---	---	---		---	---	---	U < 0.5	---	U < 0.5	---	U < 0.4	---	U < 0.4
CALCIUM	7440-70-2		---	---	---		---	---	---	U < 74.5	---	U < 74.5	---	U < 42.5	---	156
CHROMIUM (TOTAL)	7440-47-3		---	---	---		---	---	---	U < 2.8	---	U < 2.8	---	U < 1.6	---	U < 1.6
COBALT	7440-48-4		---	---	---		---	---	---	U < 3.5	---	U < 3.5	---	U < 1.7	---	U < 1.7
COPPER	7440-50-8		---	---	---		---	---	---	U < 3.1	---	U < 3.1	---	U < 3.7	---	U < 3.7
IRON	7439-89-6		---	---	---		---	---	---	U < 39.7	---	U < 39.7	---	U < 39.2	---	U < 39.2
LEAD	7439-92-1		---	---	---		---	---	---	U < 2.2	---	U < 2.2	---	U < 2.7	---	U < 2.7
MAGNESIUM	7439-95-4		---	---	---		---	---	---	U < 70	---	U < 70	---	U < 41.6	---	U < 41.6
MANGANESE	7439-96-5		---	---	---		---	---	---	U < 2.9	---	U < 2.9	---	U < 1.2	---	U < 1.2
NICKEL	7440-02-0		---	---	---		---	---	---	U < 3.9	---	U < 3.9	---	U < 2.4	---	U < 2.4
POTASSIUM	7440-09-7		---	---	---		---	---	---	U < 130	---	136	---	U < 315	---	U < 315
SELENIUM	7782-49-2		---	---	---		---	---	---	U < 4.8	---	U < 4.8	---	U < 4.2	---	U < 4.2
SILVER	7440-22-4		---	---	---		---	---	---	U < 1.2	---	U < 1.2	---	U < 1.4	---	U < 1.4
SODIUM	7440-23-5		---	---	---		---	---	---	U < 361	---	U < 361	---	U < 396	---	U < 396
THALLIUM	7440-28-0		---	---	---		---	---	---	U < 4.8	---	U < 4.8	---	U < 4.7	---	U < 4.7
VANADIUM	7440-62-2	---	---	---	---	---	---	U < 1.5	---	U < 1.5	---	U < 4.7	---	U < 4.7		
ZINC	7440-66-6	---	---	---	---	---	---	U < 5.8	---	U < 5.8	---	U < 5.8	---	6.3		
MERCURY	7439-97-6	---	---	---	---	---	---	U < 0.1	---	UJ < 0.1	---	U < 0.1	---	U < 0.1		

Notes:
All results in µg/L
U = Non-detect at the Reporting Detection Limit shown
UJ = Estimated Non-detect at the Reporting Detection Limit shown
J = Estimated value
-- Sample not analyzed (analysis not requested) for this parameter
or datum was rejected
TB = Trip Blank; EB = Equipment Blank

Table B-4
Summary of Soil QA/QC Sample Results - Trip Blanks and Rinsate Blanks
Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location		20081218TB	20081218EB	20081219TB	20081222TB	20081222EB	0081223HP-T	20090105TB	20090106TB	20090107TB	20090107EB	20090108TB	20090108EB	20090109TB
Collection Date	CAS No.	12/18/2008	12/18/2008	12/19/2008	12/22/2008	12/22/2008	12/23/2008	1/5/2009	1/6/2009	1/7/2009	1/7/2009	1/8/2009	1/8/2009	1/9/2009
Parameter														
Volatile Organic Compounds														
1,1,1-TRICHLOROETHANE	71-55-6	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
1,1,2,2-TETRACHLOROETHANE	79-34-5	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	UJ < 1	UJ < 1	UJ < 1	U < 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2-TRICHLOROETHANE	79-00-5	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3
1,1-DICHLOROETHANE	75-34-3	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
1,1-DICHLOROETHENE	75-35-4	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2
1,2,3-TRICHLOROBENZENE	87-61-6	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-DIBROMOETHANE	106-93-4	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-DICHLOROETHANE	107-06-2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2
1,2-DICHLOROPROPANE	78-87-5	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1
1,4-DIOXANE	123-91-1	---	---	---	---	---	---	---	---	---	---	---	---	---
2-HEXANONE	591-78-6	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	UJ < 5	UJ < 5	UJ < 5	U < 5
ACETONE	67-64-1	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	UJ < 5	UJ < 5	UJ < 5	UJ < 5
BENZENE	71-43-2	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1
BROMODICHLROMETHANE	75-27-4	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1
BROMOMETHANE	74-83-9	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
CARBON DISULFIDE	75-15-0	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
CARBON TETRACHLORIDE	56-23-5	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2
CHLOROBENZENE	108-90-7	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
CHLOROBROMOMETHANE	74-97-5	---	---	---	---	---	---	---	---	---	---	---	---	---
CHLOROETHANE	75-00-3	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
CHLOROFORM	67-66-3	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
CHLOROMETHANE	74-87-3	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
CIS-1,2-DICHLOROETHYLENE	156-59-2	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
CIS-1,3-DICHLOROPROPENE	10061-01-5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
CYCLOHEXANE	110-82-7	---	---	---	---	---	---	---	---	---	---	---	---	---
DIBROMOCHLROMETHANE	124-48-1	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
DICHLORODIFLUROMETHANE	75-71-8	---	---	---	---	---	---	---	---	---	---	---	---	---
ETHYLBENZENE	100-41-4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4
ISOPROPYLBENZENE	98-82-8	---	---	---	---	---	---	---	---	---	---	---	---	---
METHYL ACETATE	79-20-9	---	---	---	---	---	---	---	---	---	---	---	---	---
METHYL ETHYL KETONE (2-BUTANONE)	78-93-3	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	UJ < 5	UJ < 5	UJ < 5	UJ < 5
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	108-10-1	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	UJ < 5	UJ < 5	UJ < 5	U < 5
METHYL TERT-BUTYL ETHER	1634-04-4	---	---	---	---	---	---	---	---	---	---	---	---	---
METHYLCYCLOHEXANE	108-87-2	---	---	---	---	---	---	---	---	---	---	---	---	---
METHYLENE CHLORIDE (DICHLOROMETHANE)	75-09-2	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3
STYRENE	100-42-5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
TERT-BUTYL METHYL ETHER	1634-04-4	---	---	---	U < 5	U < 5	U < 5	---	U < 5	U < 5	---	---	---	---
TETRACHLOROETHYLENE (PCE)	127-18-4	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1
TOLUENE	108-88-3	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
TRANS-1,2-DICHLOROETHENE	156-60-5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
TRANS-1,3-DICHLOROPROPENE	10061-02-6	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
TRIBOMOMETHANE (BROMOFORM)	75-25-2	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4
TRICHLOROETHYLENE (TCE)	79-01-6	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1
TRICHLOROFLUOROMETHANE	75-69-4	---	---	---	---	---	---	---	---	---	---	---	---	---
VINYL CHLORIDE	75-01-4	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
XYLENES, TOTAL	1330-20-7	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5

Table B-4
Summary of Soil QA/QC Sample Results - Trip Blanks and Rinsate Blanks
Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location		20081218TB	20081218EB	20081219TB	20081222TB	20081222EB	0081223HP-T	20090105TB	20090106TB	20090107TB	20090107EB	20090108TB	20090108EB	20090109TB
Collection Date	CAS No.	12/18/2008	12/18/2008	12/19/2008	12/22/2008	12/22/2008	12/23/2008	1/5/2009	1/6/2009	1/7/2009	1/7/2009	1/8/2009	1/8/2009	1/9/2009
Parameter														
Semi-Volatile Organic Compounds														
1,1'-BIPHENYL	92-52-4	West Production Area	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4,5-TETRACHLOROBENZENE	95-94-3		---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-TRICHLOROBENZENE	120-82-1		---	U < 1.1	---	---	U < 0.9	---	---	---	U < 1	---	U < 1.1	---
1,2-BENZPHENANTHRACENE (CHRYSENE)	218-01-9		---	U < 11	---	---	U < 0.05	---	---	---	U < 10	---	U < 11	---
1,2-DICHLOROBENZENE	95-50-1		---	U < 11	---	---	U < 1.1	---	---	---	U < 10	---	U < 11	---
1,3-DICHLOROBENZENE	541-73-1		---	U < 11	---	---	U < 1	---	---	---	U < 10	---	U < 11	---
1,4-DICHLOROBENZENE	106-46-7		---	U < 11	---	---	U < 0.9	---	---	---	U < 10	---	U < 11	---
2,3,4,6-TETRACHLOROPHENOL	58-90-2		---	---	---	---	---	---	---	---	---	---	---	---
2,4,5-TRICHLOROPHENOL	95-95-4		---	U < 11	---	---	U < 1.2	---	---	---	U < 10	---	U < 11	---
2,4,6-TRICHLOROPHENOL	88-06-2		---	U < 11	---	---	U < 2.2	---	---	---	U < 10	---	U < 11	---
2,4-DICHLOROPHENOL	120-83-2		---	U < 11	---	---	U < 1.4	---	---	---	U < 10	---	U < 11	---
2,4-DIMETHYLPHENOL	105-67-9		---	U < 11	---	---	U < 2	---	---	---	U < 10	---	U < 11	---
2,4-DINITROPHENOL	51-28-5		---	U < 33	---	---	U < 0.9	---	---	---	U < 31	---	U < 34	---
2,4-DINITROTOLUENE	121-14-2		---	U < 2.2	---	---	U < 1.2	---	---	---	U < 2	---	U < 2.2	---
2,6-DINITROTOLUENE	606-20-2		---	U < 2.2	---	---	U < 1.3	---	---	---	U < 2	---	U < 2.2	---
2-CHLORONAPHTHALENE	91-58-7		---	U < 11	---	---	U < 1.1	---	---	---	U < 10	---	U < 11	---
2-CHLOROPHENOL	95-57-8		---	U < 11	---	---	U < 1.1	---	---	---	U < 10	---	U < 11	---
2-METHYLNAPHTHALENE	91-57-6		---	U < 11	---	---	U < 1.1	---	---	---	U < 10	---	U < 11	---
2-METHYLPHENOL (O-CRESOL)	95-48-7		---	U < 11	---	---	U < 1.4	---	---	---	U < 10	---	U < 11	---
2-NITROANILINE	88-74-4		---	U < 22	---	---	U < 0.7	---	---	---	U < 20	---	U < 22	---
2-NITROPHENOL	88-75-5		---	U < 11	---	---	U < 1.6	---	---	---	U < 10	---	U < 11	---
3,3'-DICHLORO BENZIDINE	91-94-1		---	U < 22	---	---	U < 5	---	---	---	U < 20	---	U < 22	---
3-NITROANILINE	99-09-2		---	U < 22	---	---	U < 1	---	---	---	U < 20	---	U < 22	---
4,6-DINITRO-2-METHYLPHENOL	534-52-1		---	U < 33	---	---	U < 1.2	---	---	---	U < 31	---	U < 34	---
4-BROMOPHENYL PHENYL ETHER	101-55-3		---	U < 11	---	---	U < 1.2	---	---	---	U < 10	---	U < 11	---
4-CHLORO-3-METHYLPHENOL	59-50-7		---	U < 11	---	---	U < 1.6	---	---	---	U < 10	---	U < 11	---
4-CHLOROANILINE	106-47-8		---	U < 11	---	---	U < 0.7	---	---	---	U < 10	---	U < 11	---
4-CHLOROPHENYL PHENYL ETHER	7005-72-3		---	U < 11	---	---	U < 1.1	---	---	---	U < 10	---	U < 11	---
4-METHYLPHENOL (P-CRESOL)	106-44-5		---	U < 11	---	---	U < 1.2	---	---	---	U < 10	---	U < 11	---
4-NITROANILINE	100-01-6		---	U < 22	---	---	U < 0.6	---	---	---	U < 20	---	U < 22	---
4-NITROPHENOL	100-02-7		---	U < 33	---	---	U < 0.9	---	---	---	U < 31	---	U < 34	---
ACENAPHTHENE	83-32-9		---	U < 11	---	---	U < 0.05	---	---	---	U < 10	---	U < 11	---
ACENAPHTHYLENE	208-96-8		---	U < 11	---	---	U < 0.05	---	---	---	U < 10	---	U < 11	---
ACETOPHENONE	98-86-2		---	---	---	---	---	---	---	---	---	---	---	---
ANTHRACENE	120-12-7		---	U < 11	---	---	U < 0.05	---	---	---	U < 10	---	U < 11	---
ATRAZINE	1912-24-9		---	---	---	---	---	---	---	---	---	---	---	---
BENZALDEHYDE	100-52-7		---	---	---	---	---	---	---	---	---	---	---	---
BENZO(A)ANTHRACENE	56-55-3		---	U < 1.1	---	---	U < 0.05	---	---	---	U < 1	---	U < 1.1	---
BENZO(A)PYRENE	50-32-8		---	U < 1.1	---	---	U < 0.05	---	---	---	U < 1	---	U < 1.1	---
BENZO(B)FLUORANTHENE	205-99-2		---	U < 1.1	---	---	U < 0.05	---	---	---	U < 1	---	U < 1.1	---
BENZO(G,H,I)PERYLENE	191-24-2		---	U < 11	---	---	U < 0.05	---	---	---	U < 10	---	U < 11	---
BENZO(K)FLUORANTHENE	207-08-9		---	U < 1.1	---	---	U < 0.05	---	---	---	U < 1	---	U < 1.1	---

Table B-4
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Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location		20081218TB	20081218EB	20081219TB	20081222TB	20081222EB	0081223HP-T	20090105TB	20090106TB	20090107TB	20090107EB	20090108TB	20090108EB	20090109TB
Collection Date	CAS No.	12/18/2008	12/18/2008	12/19/2008	12/22/2008	12/22/2008	12/23/2008	1/5/2009	1/6/2009	1/7/2009	1/7/2009	1/8/2009	1/8/2009	1/9/2009
Parameter														
BIS (2-CHLOROETHOXY) METHANE	111-91-1	---	U < 11	---	---	U < 0.9	---	---	---	---	U < 10	---	U < 11	---
BIS (2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	111-44-4	---	U < 1.1	---	---	U < 0.9	---	---	---	---	U < 1	---	U < 1.1	---
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	---	U < 11	---	---	U < 1	---	---	---	---	U < 10	---	U < 11	---
BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	---	U < 11	---	---	U < 0.9	---	---	---	---	U < 10	---	U < 11	---
BUTYL BENZYL PHTHALATE	85-68-7	---	U < 11	---	---	U < 1.1	---	---	---	---	U < 10	---	U < 11	---
CAPROLACTAM	105-60-2	---	---	---	---	---	---	---	---	---	---	---	---	---
CARBAZOLE	86-74-8	---	U < 11	---	---	U < 0.9	---	---	---	---	U < 10	---	U < 11	---
DIBENZ(A,H)ANTHRACENE	53-70-3	---	U < 1.1	---	---	U < 0.05	---	---	---	---	U < 1	---	U < 1.1	---
DIBENZOFURAN	132-64-9	---	U < 11	---	---	U < 0.9	---	---	---	---	U < 10	---	U < 11	---
DIETHYL PHTHALATE	84-66-2	---	U < 11	---	---	U < 0.8	---	---	---	---	U < 10	---	U < 11	---
DIMETHYL PHTHALATE	131-11-3	---	U < 11	---	---	U < 1.1	---	---	---	---	U < 10	---	U < 11	---
DI-N-BUTYLPHTHALATE	84-74-2	---	U < 11	---	---	U < 1	---	---	---	---	U < 10	---	U < 11	---
DI-N-OCTYLPHTHALATE	117-84-0	---	U < 11	---	---	U < 1	---	---	---	---	U < 10	---	U < 11	---
FLUORANTHENE	206-44-0	---	U < 11	---	---	U < 0.05	---	---	---	---	U < 10	---	U < 11	---
FLUORENE	86-73-7	---	U < 11	---	---	U < 0.05	---	---	---	---	U < 10	---	U < 11	---
HEXACHLOROBENZENE	118-74-1	---	U < 1.1	---	---	U < 0.02	---	---	---	---	U < 1	---	U < 1.1	---
HEXACHLOROBUTADIENE	87-68-3	---	U < 2.2	---	---	U < 0.6	---	---	---	---	U < 2	---	U < 2.2	---
HEXACHLOROCYCLOPENTADIENE	77-47-4	---	U < 11	---	---	U < 0.6	---	---	---	---	U < 10	---	U < 11	---
HEXACHLOROETHANE	67-72-1	---	U < 1.1	---	---	U < 0.9	---	---	---	---	U < 1	---	U < 1.1	---
INDENO (1,2,3-C,D) PYRENE	193-39-5	---	U < 1.1	---	---	U < 0.05	---	---	---	---	U < 1	---	U < 1.1	---
ISOPHORONE	78-59-1	---	U < 11	---	---	U < 1	---	---	---	---	U < 10	---	U < 11	---
NAPHTHALENE	91-20-3	---	U < 11	---	---	0.061	---	---	---	---	U < 10	---	U < 11	---
NITROBENZENE	98-95-3	---	U < 1.1	---	---	U < 1	---	---	---	---	U < 1	---	U < 1.1	---
N-NITROSODI-N-PROPYLAMINE	621-64-7	---	U < 1.1	---	---	U < 0.8	---	---	---	---	U < 1	---	U < 1.1	---
N-NITROSODIPHENYLAMINE	86-30-6	---	U < 11	---	---	U < 1.1	---	---	---	---	U < 10	---	U < 11	---
PENTACHLOROPHENOL	87-86-5	---	U < 33	---	---	U < 0.2	---	---	---	---	U < 31	---	U < 34	---
PHENANTHRENE	85-01-8	---	U < 11	---	---	U < 0.05	---	---	---	---	U < 10	---	U < 11	---
PHENOL	108-95-2	---	U < 11	---	---	U < 0.6	---	---	---	---	U < 10	---	U < 11	---
PYRENE	129-00-0	---	U < 11	---	---	U < 0.05	---	---	---	---	U < 10	---	U < 11	---
Pesticides														
ALDRIN	309-00-2	---	U < 0.06	---	---	U < 0.05	---	---	---	---	U < 0.05	---	U < 0.05	---
ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	319-84-6	---	U < 0.06	---	---	U < 0.05	---	---	---	---	U < 0.05	---	U < 0.05	---
ALPHA ENDOSULFAN	959-98-8	---	---	---	---	---	---	---	---	---	---	---	---	---
BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	319-85-7	---	U < 0.06	---	---	U < 0.05	---	---	---	---	U < 0.05	---	U < 0.05	---
BETA ENDOSULFAN	33213-65-9	---	---	---	---	---	---	---	---	---	---	---	---	---
CHLORDANE	57-74-9	---	U < 0.6	---	---	U < 0.5	---	---	---	---	U < 0.5	---	U < 0.5	---
DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	319-86-8	---	U < 0.06	---	---	U < 0.05	---	---	---	---	U < 0.05	---	U < 0.05	---
DIELDRIN	60-57-1	---	U < 0.06	---	---	U < 0.05	---	---	---	---	U < 0.05	---	U < 0.05	---
ENDOSULFAN I	959-98-8	---	U < 0.06	---	---	U < 0.05	---	---	---	---	U < 0.05	---	U < 0.05	---
ENDOSULFAN II	33213-65-9	---	U < 0.06	---	---	U < 0.05	---	---	---	---	U < 0.05	---	U < 0.05	---
ENDOSULFAN SULFATE	1031-07-8	---	U < 0.06	---	---	U < 0.05	---	---	---	---	U < 0.05	---	U < 0.05	---
ENDRIN	72-20-8	---	U < 0.06	---	---	U < 0.05	---	---	---	---	U < 0.05	---	U < 0.05	---
ENDRIN ALDEHYDE	7421-93-4	---	U < 0.06	---	---	U < 0.05	---	---	---	---	U < 0.05	---	U < 0.05	---
ENDRIN KETONE	53494-70-5	---	U < 0.06	---	---	U < 0.05	---	---	---	---	U < 0.05	---	U < 0.05	---
GAMMA BHC (LINDANE)	58-89-9	---	U < 0.06	---	---	U < 0.05	---	---	---	---	U < 0.05	---	U < 0.05	---
HEPTACHLOR	76-44-8	---	U < 0.06	---	---	U < 0.05	---	---	---	---	U < 0.05	---	U < 0.05	---
HEPTACHLOR EPOXIDE	1024-57-3	---	U < 0.06	---	---	U < 0.05	---	---	---	---	U < 0.05	---	U < 0.05	---
METHOXYCHLOR	72-43-5	---	U < 0.06	---	---	U < 0.05	---	---	---	---	U < 0.05	---	U < 0.05	---
P,P'-DDD	72-54-8	---	U < 0.06	---	---	U < 0.05	---	---	---	---	U < 0.05	---	U < 0.05	---
P,P'-DDE	72-55-9	---	U < 0.06	---	---	U < 0.05	---	---	---	---	U < 0.05	---	U < 0.05	---
P,P'-DDT	50-29-3	---	U < 0.06	---	---	U < 0.05	---	---	---	---	U < 0.05	---	U < 0.05	---
TOXAPHENE (CAMPHECHLOR)	8001-35-2	---	U < 0.6	---	---	U < 0.5	---	---	---	---	U < 0.5	---	U < 0.5	---

Table B-4
Summary of Soil QA/QC Sample Results - Trip Blanks and Rinsate Blanks
Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location		20081218TB	20081218EB	20081219TB	20081222TB	20081222EB	0081223HP-T	20090105TB	20090106TB	20090107TB	20090107EB	20090108TB	20090108EB	20090109TB
Collection Date	CAS No.	12/18/2008	12/18/2008	12/19/2008	12/22/2008	12/22/2008	12/23/2008	1/5/2009	1/6/2009	1/7/2009	1/7/2009	1/8/2009	1/8/2009	1/9/2009
Parameter														
Metals														
ALUMINUM	7429-90-5	West Production Area	---	U < 62.6	---	---	3.08	---	---	---	---	63.6	---	U < 77.4
ANTIMONY	7440-36-0		---	U < 5.8	---	---	U < 0.031	---	---	---	U < 5.8	---	---	U < 4.9
ARSENIC	7440-38-2		---	U < 3.2	---	---	0.299	---	---	---	U < 3.2	---	---	U < 4.5
BARIUM	7440-39-3		---	U < 1.7	---	---	0.158	---	---	---	U < 1.7	---	---	U < 1.3
BERYLLIUM	7440-41-7		---	U < 0.3	---	---	U < 0.025	---	---	---	U < 0.3	---	---	U < 0.1
CADMIUM	7440-43-9		---	U < 0.4	---	---	U < 0.135	---	---	---	U < 0.4	---	---	U < 0.5
CALCIUM	7440-70-2		---	U < 42.5	---	---	41	---	---	---	U < 42.5	---	---	U < 74.5
CHROMIUM (TOTAL)	7440-47-3		---	U < 1.6	---	---	U < 0.102	---	---	---	U < 1.6	---	---	U < 2.8
COBALT	7440-48-4		---	U < 1.7	---	---	U < 0.021	---	---	---	U < 1.7	---	---	U < 3.5
COPPER	7440-50-8		---	U < 3.7	---	---	U < 0.065	---	---	---	U < 3.7	---	---	U < 3.1
IRON	7439-89-6		---	U < 39.2	---	---	42.1	---	---	---	U < 39.2	---	---	U < 39.7
LEAD	7439-92-1		---	U < 2.7	---	---	U < 0.026	---	---	---	U < 2.7	---	---	U < 2.2
MAGNESIUM	7439-95-4		---	U < 41.6	---	---	55.4	---	---	---	U < 41.6	---	---	U < 70
MANGANESE	7439-96-5		---	U < 1.2	---	---	U < 0.223	---	---	---	U < 1.2	---	---	U < 2.9
NICKEL	7440-02-0		---	U < 2.4	---	---	U < 0.904	---	---	---	U < 2.4	---	---	U < 3.9
POTASSIUM	7440-09-7		---	U < 315	---	---	89.2	---	---	---	U < 315	---	---	277
SELENIUM	7782-49-2		---	U < 4.2	---	---	U < 0.1	---	---	---	U < 4.2	---	---	U < 4.8
SILVER	7440-22-4		---	U < 1.4	---	---	U < 0.034	---	---	---	U < 1.4	---	---	U < 1.2
SODIUM	7440-23-5		---	U < 396	---	---	501	---	---	---	U < 396	---	---	U < 361
THALLIUM	7440-28-0		---	U < 4.7	---	---	U < 0.112	---	---	---	UJ < 4.7	---	---	U < 4.8
VANADIUM	7440-62-2		---	U < 4.7	---	---	1.45	---	---	---	U < 4.7	---	---	U < 1.5
ZINC	7440-66-6		---	U < 5.8	---	---	1.49	---	---	---	U < 5.8	---	---	U < 5.8
MERCURY	7439-97-6		---	U < 0.1	---	---	U < 0.1	---	---	---	U < 0.1	---	---	U < 0.1

Notes:
All results in µg/L
U = Non-detect at the Reporting Detection Limit shown
UJ = Estimated Non-detect at the Reporting Detection Limit shown
J = Estimated value
-- Sample not analyzed (analysis not requested) for this parameter
or datum was rejected
TB = Trip Blank; EB = Equipment Blank

Table B-4
Summary of Soil QA/QC Sample Results - Trip Blanks and Rinsate Blanks
Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location		20090109EB	20090112TB	20090113TB	20090114TB	20090114EB	20090115TB	20090115EB	20090115EB-A	20090120TB	20090120EB	20090121TB	20090121EB
Collection Date	CAS No.	1/9/2009	1/12/2009	1/13/2009	1/14/2009	1/14/2009	1/15/2009	1/15/2009	1/15/2009	1/20/2009	1/20/2009	1/21/2009	1/21/2009
Parameter													
Volatile Organic Compounds													
1,1,1-TRICHLOROETHANE	71-55-6	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
1,1,2,2-TETRACHLOROETHANE	79-34-5	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2-TRICHLOROETHANE	79-00-5	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3
1,1-DICHLOROETHANE	75-34-3	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
1,1-DICHLOROETHENE	75-35-4	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2
1,2,3-TRICHLOROBENZENE	87-61-6	---	---	---	---	---	---	---	---	---	---	---	---
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	---	---	---	---	---	---	---	---	---	---	---	---
1,2-DIBROMOETHANE	106-93-4	---	---	---	---	---	---	---	---	---	---	---	---
1,2-DICHLOROETHANE	107-06-2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2
1,2-DICHLOROPROPANE	78-87-5	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1
1,4-DIOXANE	123-91-1	---	---	---	---	---	---	---	---	---	---	---	---
2-HEXANONE	591-78-6	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
ACETONE	67-64-1	U 13	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U 6.1	U < 5
BENZENE	71-43-2	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1
BROMODICHLOROMETHANE	75-27-4	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1
BROMOMETHANE	74-83-9	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
CARBON DISULFIDE	75-15-0	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
CARBON TETRACHLORIDE	56-23-5	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2	U < 2
CHLOROBENZENE	108-90-7	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
CHLOROBROMOMETHANE	74-97-5	---	---	---	---	---	---	---	---	---	---	---	---
CHLOROETHANE	75-00-3	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
CHLOROFORM	67-66-3	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
CHLOROMETHANE	74-87-3	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
CIS-1,2-DICHLOROETHYLENE	156-59-2	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
CIS-1,3-DICHLOROPROPENE	10061-01-5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
CYCLOHEXANE	110-82-7	---	---	---	---	---	---	---	---	---	---	---	---
DIBROMOCHLOROMETHANE	124-48-1	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
DICHLORODIFLUOROMETHANE	75-71-8	---	---	---	---	---	---	---	---	---	---	---	---
ETHYLBENZENE	100-41-4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4
ISOPROPYLBENZENE	98-82-8	---	---	---	---	---	---	---	---	---	---	---	---
METHYL ACETATE	79-20-9	---	---	---	---	---	---	---	---	---	---	---	---
METHYL ETHYL KETONE (2-BUTANONE)	78-93-3	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	108-10-1	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
METHYL TERT-BUTYL ETHER	1634-04-4	---	---	---	---	---	---	---	---	---	---	---	---
METHYLCYCLOHEXANE	108-87-2	---	---	---	---	---	---	---	---	---	---	---	---
METHYLENE CHLORIDE (DICHLOROMETHANE)	75-09-2	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3	U < 3
STYRENE	100-42-5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
TERT-BUTYL METHYL ETHER	1634-04-4	---	---	---	---	---	---	---	---	---	---	---	---
TETRACHLOROETHYLENE (PCE)	127-18-4	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1
TOLUENE	108-88-3	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
TRANS-1,2-DICHLOROETHENE	156-60-5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
TRANS-1,3-DICHLOROPROPENE	10061-02-6	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
TRIBOMOMETHANE (BROMOFORM)	75-25-2	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4	U < 4
TRICHLOROETHYLENE (TCE)	79-01-6	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1	U < 1
TRICHLOROFLUOROMETHANE	75-69-4	---	---	---	---	---	---	---	---	---	---	---	---
VINYL CHLORIDE	75-01-4	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5
XYLENES, TOTAL	1330-20-7	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5	U < 5

Table B-4
Summary of Soil QA/QC Sample Results - Trip Blanks and Rinsate Blanks
Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location		20090109EB	20090112TB	20090113TB	20090114TB	20090114EB	20090115TB	20090115EB	20090115EB-A	20090120TB	20090120EB	20090121TB	20090121EB
Collection Date	CAS No.	1/9/2009	1/12/2009	1/13/2009	1/14/2009	1/14/2009	1/15/2009	1/15/2009	1/15/2009	1/20/2009	1/20/2009	1/21/2009	1/21/2009
Parameter													
Semi-Volatile Organic Compounds													
1,1'-BIPHENYL	92-52-4	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4,5-TETRACHLOROBENZENE	95-94-3	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-TRICHLOROBENZENE	120-82-1	U < 1	---	---	---	U < 1	---	U < 1	U < 1	---	U < 1	---	U < 1
1,2-BENZPHENANTHRACENE (CHRYSENE)	218-01-9	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
1,2-DICHLOROBENZENE	95-50-1	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
1,3-DICHLOROBENZENE	541-73-1	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
1,4-DICHLOROBENZENE	106-46-7	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
2,3,4,6-TETRACHLOROPHENOL	58-90-2	---	---	---	---	---	---	---	---	---	---	---	---
2,4,5-TRICHLOROPHENOL	95-95-4	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
2,4,6-TRICHLOROPHENOL	88-06-2	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
2,4-DICHLOROPHENOL	120-83-2	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
2,4-DIMETHYLPHENOL	105-67-9	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
2,4-DINITROPHENOL	51-28-5	U < 31	---	---	---	U < 31	---	U < 30	U < 30	---	U < 31	---	U < 30
2,4-DINITROTOLUENE	121-14-2	U < 2.1	---	---	---	U < 2	---	U < 2	U < 2	---	U < 2	---	U < 2
2,6-DINITROTOLUENE	606-20-2	U < 2.1	---	---	---	U < 2	---	U < 2	U < 2	---	U < 2	---	U < 2
2-CHLORONAPHTHALENE	91-58-7	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
2-CHLOROPHENOL	95-57-8	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
2-METHYLNAPHTHALENE	91-57-6	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
2-METHYLPHENOL (O-CRESOL)	95-48-7	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
2-NITROANILINE	88-74-4	U < 21	---	---	---	U < 20	---	U < 20	U < 20	---	U < 20	---	U < 20
2-NITROPHENOL	88-75-5	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
3,3'-DICHLOROBENZIDINE	91-94-1	U < 21	---	---	---	U < 20	---	U < 20	U < 20	---	U < 20	---	U < 20
3-NITROANILINE	99-09-2	U < 21	---	---	---	U < 20	---	U < 20	U < 20	---	U < 20	---	U < 20
4,6-DINITRO-2-METHYLPHENOL	534-52-1	U < 31	---	---	---	U < 31	---	U < 30	U < 30	---	U < 31	---	U < 30
4-BROMOPHENYL PHENYL ETHER	101-55-3	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
4-CHLORO-3-METHYLPHENOL	59-50-7	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
4-CHLOROANILINE	106-47-8	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
4-METHYLPHENOL (P-CRESOL)	106-44-5	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
4-NITROANILINE	100-01-6	U < 21	---	---	---	U < 20	---	U < 20	U < 20	---	U < 20	---	U < 20
4-NITROPHENOL	100-02-7	U < 31	---	---	---	U < 31	---	U < 30	U < 30	---	U < 31	---	U < 30
ACENAPHTHENE	83-32-9	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
ACENAPHTHYLENE	208-96-8	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
ACETOPHENONE	98-86-2	---	---	---	---	---	---	---	---	---	---	---	---
ANTHRACENE	120-12-7	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
ATRAZINE	1912-24-9	---	---	---	---	---	---	---	---	---	---	---	---
BENZALDEHYDE	100-52-7	---	---	---	---	---	---	---	---	---	---	---	---
BENZO(A)ANTHRACENE	56-55-3	U < 1	---	---	---	U < 1	---	U < 1	U < 1	---	U < 1	---	U < 1
BENZO(A)PYRENE	50-32-8	U < 1	---	---	---	U < 1	---	U < 1	U < 1	---	U < 1	---	U < 1
BENZO(B)FLUORANTHENE	205-99-2	U < 1	---	---	---	U < 1	---	U < 1	U < 1	---	U < 1	---	U < 1
BENZO(G,H,I)PERYLENE	191-24-2	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
BENZO(K)FLUORANTHENE	207-08-9	U < 1	---	---	---	U < 1	---	U < 1	U < 1	---	U < 1	---	U < 1

Table B-4
Summary of Soil QA/QC Sample Results - Trip Blanks and Rinsate Blanks
Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location		20090109EB	20090112TB	20090113TB	20090114TB	20090114EB	20090115TB	20090115EB	20090115EB-A	20090120TB	20090120EB	20090121TB	20090121EB
Collection Date	CAS No.	1/9/2009	1/12/2009	1/13/2009	1/14/2009	1/14/2009	1/15/2009	1/15/2009	1/15/2009	1/20/2009	1/20/2009	1/21/2009	1/21/2009
Parameter													
BIS (2-CHLOROETHOXY) METHANE	111-91-1	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
BIS (2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	111-44-4	U < 1	---	---	---	U < 1	---	U < 1	U < 1	---	U < 1	---	U < 1
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
BUTYL BENZYL PHTHALATE	85-68-7	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
CAPROLACTAM	105-60-2	---	---	---	---	---	---	---	---	---	---	---	---
CARBAZOLE	86-74-8	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
DIBENZ(A,H)ANTHRACENE	53-70-3	U < 1	---	---	---	U < 1	---	U < 1	U < 1	---	U < 1	---	U < 1
DIBENZOFURAN	132-64-9	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
DIETHYL PHTHALATE	84-66-2	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
DIMETHYL PHTHALATE	131-11-3	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
DI-N-BUTYLPHTHALATE	84-74-2	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
DI-N-OCTYLPHTHALATE	117-84-0	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
FLUORANTHENE	206-44-0	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
FLUORENE	86-73-7	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
HEXACHLOROBENZENE	118-74-1	U < 1	---	---	---	U < 1	---	U < 1	U < 1	---	U < 1	---	U < 1
HEXACHLOROBUTADIENE	87-68-3	U < 2.1	---	---	---	U < 2	---	U < 2	U < 2	---	U < 2	---	U < 2
HEXACHLOROCYCLOPENTADIENE	77-47-4	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
HEXACHLOROETHANE	67-72-1	U < 1	---	---	---	U < 1	---	U < 1	U < 1	---	U < 1	---	U < 1
INDENO (1,2,3-C,D) PYRENE	193-39-5	U < 1	---	---	---	U < 1	---	U < 1	U < 1	---	U < 1	---	U < 1
ISOPHORONE	78-59-1	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
NAPHTHALENE	91-20-3	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
NITROBENZENE	98-95-3	U < 1	---	---	---	U < 1	---	U < 1	U < 1	---	U < 1	---	U < 1
N-NITROSODI-N-PROPYLAMINE	621-64-7	U < 1	---	---	---	U < 1	---	U < 1	U < 1	---	U < 1	---	U < 1
N-NITROSODIPHENYLAMINE	86-30-6	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
PENTACHLOROPHENOL	87-86-5	U < 31	---	---	---	U < 31	---	U < 30	U < 30	---	U < 31	---	U < 30
PHENANTHRENE	85-01-8	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
PHENOL	108-95-2	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
PYRENE	129-00-0	U < 10	---	---	---	U < 10	---	U < 10	U < 10	---	U < 10	---	U < 10
Pesticides													
ALDRIN	309-00-2	U < 0.05	---	---	---	U < 0.05	---	U < 0.05	U < 0.05	---	U < 0.05	---	U < 0.05
ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	319-84-6	U < 0.05	---	---	---	U < 0.05	---	U < 0.05	U < 0.05	---	U < 0.05	---	U < 0.05
ALPHA ENDOSULFAN	959-98-8	---	---	---	---	---	---	---	---	---	---	---	---
BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	319-85-7	U < 0.05	---	---	---	U < 0.05	---	U < 0.05	U < 0.05	---	U < 0.05	---	U < 0.05
BETA ENDOSULFAN	33213-65-9	---	---	---	---	---	---	---	---	---	---	---	---
CHLORDANE	57-74-9	U < 0.5	---	---	---	U < 0.5	---	U < 0.5	U < 0.5	---	U < 0.5	---	U < 0.5
DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	319-86-8	U < 0.05	---	---	---	U < 0.05	---	U < 0.05	U < 0.05	---	U < 0.05	---	U < 0.05
DIELDRIN	60-57-1	U < 0.05	---	---	---	U < 0.05	---	U < 0.05	U < 0.05	---	U < 0.05	---	U < 0.05
ENDOSULFAN I	959-98-8	U < 0.05	---	---	---	U < 0.05	---	U < 0.05	U < 0.05	---	U < 0.05	---	U < 0.05
ENDOSULFAN II	33213-65-9	U < 0.05	---	---	---	U < 0.05	---	U < 0.05	U < 0.05	---	U < 0.05	---	U < 0.05
ENDOSULFAN SULFATE	1031-07-8	U < 0.05	---	---	---	U < 0.05	---	U < 0.05	U < 0.05	---	U < 0.05	---	U < 0.05
ENDRIN	72-20-8	U < 0.05	---	---	---	U < 0.05	---	U < 0.05	U < 0.05	---	U < 0.05	---	U < 0.05
ENDRIN ALDEHYDE	7421-93-4	U < 0.05	---	---	---	U < 0.05	---	U < 0.05	U < 0.05	---	U < 0.05	---	U < 0.05
ENDRIN KETONE	53494-70-5	U < 0.05	---	---	---	U < 0.05	---	U < 0.05	U < 0.05	---	U < 0.05	---	U < 0.05
GAMMA BHC (LINDANE)	58-89-9	U < 0.05	---	---	---	U < 0.05	---	U < 0.05	U < 0.05	---	U < 0.05	---	U < 0.05
HEPTACHLOR	76-44-8	U < 0.05	---	---	---	U < 0.05	---	U < 0.05	U < 0.05	---	U < 0.05	---	U < 0.05
HEPTACHLOR EPOXIDE	1024-57-3	U < 0.05	---	---	---	U < 0.05	---	U < 0.05	U < 0.05	---	U < 0.05	---	U < 0.05
METHOXYCHLOR	72-43-5	U < 0.05	---	---	---	U < 0.05	---	U < 0.05	U < 0.05	---	U < 0.05	---	U < 0.05
P,P'-DDD	72-54-8	U < 0.05	---	---	---	U < 0.05	---	U < 0.05	U < 0.05	---	U < 0.05	---	U < 0.05
P,P'-DDE	72-55-9	U < 0.05	---	---	---	U < 0.05	---	U < 0.05	U < 0.05	---	U < 0.05	---	U < 0.05
P,P'-DDT	50-29-3	UJ < 0.05	---	---	---	U < 0.05	---	U < 0.05	U < 0.05	---	U < 0.05	---	U < 0.05
TOXAPHENE (CAMPHECHLOR)	8001-35-2	U < 0.5	---	---	---	U < 0.5	---	U < 0.5	U < 0.5	---	U < 0.5	---	U < 0.5

Table B-4
Summary of Soil QA/QC Sample Results - Trip Blanks and Rinsate Blanks
Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location			20090109EB	20090112TB	20090113TB	20090114TB	20090114EB	20090115TB	20090115EB	20090115EB-A	20090120TB	20090120EB	20090121TB	20090121EB
Collection Date	CAS No.		1/9/2009	1/12/2009	1/13/2009	1/14/2009	1/14/2009	1/15/2009	1/15/2009	1/15/2009	1/20/2009	1/20/2009	1/21/2009	1/21/2009
Parameter														
Metals														
ALUMINUM	7429-90-5	West Production Area	U < 77.4	---	---	---	U < 62.6	---	U < 260	U < 260	---	U < 260	---	U < 260
ANTIMONY	7440-36-0		U < 4.9	---	---	---	U < 5.8	---	U < 7.9	U < 7.9	---	U < 7.9	---	U < 7.9
ARSENIC	7440-38-2		U < 4.5	---	---	---	U < 3.2	---	U < 4.8	U < 4.8	---	U < 4.8	---	U < 4.8
BARIUM	7440-39-3		U < 1.3	---	---	---	U < 1.7	---	U < 170	U < 170	---	U < 170	---	U < 170
BERYLLIUM	7440-41-7		U < 0.1	---	---	---	U < 0.3	---	U < 1	U < 1	---	U < 1	---	U < 1
CADMIUM	7440-43-9		U < 0.5	---	---	---	U < 0.4	---	U < 3.3	U < 3.3	---	U < 3.3	---	U < 3.3
CALCIUM	7440-70-2		U < 74.5	---	---	---	44.1	---	U < 9700	U < 9700	---	U < 9700	---	U < 9700
CHROMIUM (TOTAL)	7440-47-3		U < 2.8	---	---	---	U < 1.6	---	U < 9.3	U < 9.3	---	U < 9.3	---	U < 9.3
COBALT	7440-48-4		U < 3.5	---	---	---	U < 1.7	---	U < 130	U < 130	---	U < 130	---	U < 130
COPPER	7440-50-8		U < 3.1	---	---	---	U < 3.7	---	U < 16	U < 16	---	U < 16	---	U < 16
IRON	7439-89-6		U < 39.7	---	---	---	U < 39.2	---	U < 120	U < 120	---	U < 120	---	U < 120
LEAD	7439-92-1		U < 2.2	---	---	---	U < 2.7	---	U < 2.4	U < 2.4	---	U < 2.4	---	U < 2.4
MAGNESIUM	7439-95-4		U < 70	---	---	---	U < 41.6	---	U < 10000	U < 10000	---	U < 10000	---	U < 10000
MANGANESE	7439-96-5		U < 2.9	---	---	---	U < 1.2	---	U < 44	U < 44	---	U < 44	---	U < 44
NICKEL	7440-02-0		U < 3.9	---	---	---	U < 2.4	---	U < 65	U < 65	---	U < 65	---	U < 65
POTASSIUM	7440-09-7		U 230	---	---	---	U < 315	---	164	143	---	223	---	208
SELENIUM	7782-49-2		U < 4.8	---	---	---	U < 4.2	---	U < 4.9	U < 4.9	---	U < 4.9	---	U < 4.9
SILVER	7440-22-4		U < 1.2	---	---	---	U < 1.4	---	U < 4.8	U < 4.8	---	U < 4.8	---	U < 4.8
SODIUM	7440-23-5		U < 361	---	---	---	U < 396	---	U < 5000	U < 5000	---	U < 5000	---	381
THALLIUM	7440-28-0		U < 4.8	---	---	---	U < 4.7	---	U < 11	U < 11	---	U < 11	---	U < 11
VANADIUM	7440-62-2		U < 1.5	---	---	---	U < 4.7	---	U < 25	U < 25	---	U < 25	---	U < 25
ZINC	7440-66-6		U < 5.8	---	---	---	U < 5.8	---	U < 33	U < 33	---	U < 33	---	U < 33
MERCURY	7439-97-6		U < 0.1	---	---	---	U < 0.1	---	U < 0.2	U < 0.2	---	U < 0.2	---	U < 0.2

Notes:
All results in µg/L
U = Non-detect at the Reporting Detection Limit shown
UJ = Estimated Non-detect at the Reporting Detection Limit shown
J = Estimated value
-- Sample not analyzed (analysis not requested) for this parameter
or datum was rejected
TB = Trip Blank; EB = Equipment Blank

Table B-4
Summary of Soil QA/QC Sample Results - Trip Blanks and Rinsate Blanks
Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location		20090122TB	20090126TB	20090203TB	20090209TB	20090216TB	20090217TB	20090217EB	20090218TB	20090219TB	20090220TB	20090223TB	20090223EB
Collection Date	CAS No.	1/22/2009	1/26/2009	2/3/2009	2/9/2009	2/16/2009	2/17/2009	2/17/2009	2/18/2009	2/19/2009	2/20/2009	2/23/2009	2/23/2009
Parameter													
Volatile Organic Compounds													
1,1,1-TRICHLOROETHANE	71-55-6	U < 5	U < 5	U < 5	U < 5	U < 0.21	U < 0.21	U < 0.21	U < 0.042	U < 0.21	U < 0.042	U < 0.21	U < 0.21
1,1,2,2-TETRACHLOROETHANE	79-34-5	U < 1	U < 1	U < 1	U < 1	U < 0.23	U < 0.23	U < 0.23	U < 0.23	U < 0.23	U < 0.23	U < 0.23	U < 0.23
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2-TRICHLOROETHANE	79-00-5	U < 3	U < 3	U < 3	U < 3	U < 0.27	U < 0.27	U < 0.27	U < 0.09	U < 0.27	U < 0.09	U < 0.27	U < 0.27
1,1-DICHLOROETHANE	75-34-3	U < 5	U < 5	U < 5	U < 5	U < 0.17	U < 0.17	U < 0.17	U < 0.034	U < 0.17	U < 0.034	U < 0.17	U < 0.17
1,1-DICHLOROETHENE	75-35-4	U < 2	U < 2	U < 2	U < 2	U < 0.44	U < 0.44	U < 0.44	U < 0.23	U < 0.44	U < 0.23	U < 0.44	U < 0.44
1,2,3-TRICHLOROBENZENE	87-61-6	---	---	---	---	---	---	---	---	---	---	---	---
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	---	---	---	---	---	---	---	---	---	---	---	---
1,2-DIBROMOETHANE	106-93-4	---	---	---	---	---	---	---	---	---	---	---	---
1,2-DICHLOROETHANE	107-06-2	U < 2	U < 2	U < 2	U < 2	U < 0.21	U < 0.21	U < 0.21	U < 0.1	U < 0.21	U < 0.1	U < 0.21	U < 0.21
1,2-DICHLOROPROPANE	78-87-5	U < 1	U < 1	U < 1	U < 1	U < 0.25	U < 0.25	U < 0.25	U < 0.25	U < 0.25	U < 0.25	U < 0.25	U < 0.25
1,4-DIOXANE	123-91-1	---	---	---	---	---	---	---	---	---	---	---	---
2-HEXANONE	591-78-6	U < 5	U < 5	U < 5	U < 5	UJ < 0.31	UJ < 0.31	UJ < 0.31	U < 0.62	U < 0.31	U < 0.62	U < 0.31	U < 0.31
ACETONE	67-64-1	6.3	U < 5	9.9	U < 5	UJ < 1.3	UJ < 1.3	UJ < 1.3	UJ < 2.6	U < 1.3	U < 2.6	U < 1.3	U < 1.3
BENZENE	71-43-2	U < 1	U < 1	U < 1	U < 1	U < 0.25	U < 0.25	U < 0.25	U < 0.25	U < 0.25	U < 0.25	U < 0.25	U < 0.25
BROMODICHLOROMETHANE	75-27-4	U < 1	U < 1	U < 1	U < 1	U < 0.2	U < 0.2	U < 0.2	U < 0.2	U < 0.2	U < 0.2	U < 0.2	U < 0.2
BROMOMETHANE	74-83-9	U < 5	U < 5	U < 5	U < 5	UJ < 0.49	UJ < 0.49	UJ < 0.49	U < 0.098	U < 0.49	U < 0.098	U < 0.49	U < 0.49
CARBON DISULFIDE	75-15-0	U < 5	U < 5	U < 5	U < 5	U < 0.17	U < 0.17	0.4	U < 0.034	U < 0.17	U < 0.034	U < 0.17	U < 0.17
CARBON TETRACHLORIDE	56-23-5	U < 2	U < 2	U < 2	U < 2	U < 0.26	U < 0.26	U < 0.26	U < 0.14	U < 0.26	U < 0.14	U < 0.26	U < 0.26
CHLOROBENZENE	108-90-7	U < 5	U < 5	U < 5	U < 5	U < 0.27	U < 0.27	U < 0.27	U < 0.054	U < 0.27	U < 0.054	U < 0.27	U < 0.27
CHLOROBROMOMETHANE	74-97-5	---	---	---	---	---	---	---	---	---	---	---	---
CHLOROETHANE	75-00-3	U < 5	U < 5	U < 5	U < 5	U < 0.18	U < 0.18	U < 0.18	U < 0.036	U < 0.18	U < 0.036	U < 0.18	U < 0.18
CHLOROFORM	67-66-3	U < 5	U < 5	U < 5	U < 5	U < 0.17	U < 0.17	U < 0.17	U < 0.034	U < 0.17	U < 0.034	U < 0.17	U < 0.17
CHLOROMETHANE	74-87-3	U < 5	U < 5	U < 5	U < 5	U < 0.26	U < 0.26	U < 0.26	U < 0.052	U < 0.26	U < 0.052	U < 0.26	U < 0.26
CIS-1,2-DICHLOROETHYLENE	156-59-2	U < 5	U < 5	U < 5	U < 5	U < 0.14	U < 0.14	U < 0.14	U < 0.026	U < 0.14	U < 0.026	U < 0.14	U < 0.14
CIS-1,3-DICHLOROPROPENE	10061-01-5	U < 5	U < 5	U < 5	U < 5	U < 0.18	U < 0.18	U < 0.18	U < 0.036	U < 0.18	U < 0.036	U < 0.18	U < 0.18
CYCLOHEXANE	110-82-7	---	---	---	---	---	---	---	---	---	---	---	---
DIBROMOCHLOROMETHANE	124-48-1	U < 5	U < 5	U < 5	U < 5	U < 0.17	U < 0.17	U < 0.17	U < 0.032	U < 0.17	U < 0.032	U < 0.17	U < 0.17
DICHLORODIFLUOROMETHANE	75-71-8	---	---	---	---	---	---	---	---	---	---	---	---
ETHYLBENZENE	100-41-4	U < 4	U < 4	U < 4	U < 4	U < 0.23	U < 0.23	U < 0.23	U < 0.058	U < 0.23	U < 0.058	U < 0.23	U < 0.23
ISOPROPYLBENZENE	98-82-8	---	---	---	---	---	---	---	---	---	---	---	---
METHYL ACETATE	79-20-9	---	---	---	---	---	---	---	---	---	---	---	---
METHYL ETHYL KETONE (2-BUTANONE)	78-93-3	U < 5	U < 5	U < 5	U < 5	UJ < 1	UJ < 1	UJ < 1	UJ < 2	U < 1	U < 2	U < 1	U < 1
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	108-10-1	U < 5	U < 5	U < 5	U < 5	UJ < 0.56	UJ < 0.56	UJ < 0.56	U < 1.1	U < 0.56	U < 1.1	U < 0.56	U < 0.56
METHYL TERT-BUTYL ETHER	1634-04-4	---	---	---	---	---	---	---	---	---	---	---	---
METHYLCYCLOHEXANE	108-87-2	---	---	---	---	---	---	---	---	---	---	---	---
METHYLENE CHLORIDE (DICHLOROMETHANE)	75-09-2	U < 3	U < 3	U < 3	U < 3	U < 0.25	U < 0.25	U < 0.25	U < 0.081	U < 0.25	U < 0.081	U < 0.25	U < 0.25
STYRENE	100-42-5	U < 5	U < 5	U < 5	U < 5	U < 0.17	U < 0.17	U < 0.17	U < 0.032	U < 0.17	U < 0.032	U < 0.17	U < 0.17
TERT-BUTYL METHYL ETHER	1634-04-4	---	---	---	---	---	---	---	---	---	---	---	---
TETRACHLOROETHYLENE (PCE)	127-18-4	U < 1	U < 1	U < 1	U < 1	U < 0.28	U < 0.28	U < 0.28	U < 0.28	U < 0.28	U < 0.28	U < 0.28	U < 0.28
TOLUENE	108-88-3	U < 5	U < 5	U < 5	U < 5	U < 0.25	U < 0.25	U < 0.25	U < 0.048	U < 0.25	U < 0.048	U < 0.24	U < 0.24
TRANS-1,2-DICHLOROETHENE	156-60-5	U < 5	U < 5	U < 5	U < 5	U < 0.33	U < 0.33	U < 0.33	U < 0.067	U < 0.33	U < 0.067	U < 0.33	U < 0.33
TRANS-1,3-DICHLOROPROPENE	10061-02-6	U < 5	U < 5	U < 5	U < 5	U < 0.12	U < 0.12	U < 0.12	U < 0.024	U < 0.12	U < 0.024	U < 0.12	U < 0.12
TRIBOMOMETHANE (BROMOFORM)	75-25-2	U < 4	U < 4	U < 4	U < 4	U < 0.15	U < 0.15	U < 0.15	U < 0.038	U < 0.15	U < 0.038	U < 0.15	U < 0.15
TRICHLOROETHYLENE (TCE)	79-01-6	U < 1	U < 1	U < 1	U < 1	U < 0.27	U < 0.27	U < 0.27	U < 0.27	U < 0.27	U < 0.27	U < 0.27	U < 0.27
TRICHLOROFLUOROMETHANE	75-69-4	---	---	---	---	---	---	---	---	---	---	---	---
VINYL CHLORIDE	75-01-4	U < 5	U < 5	U < 5	U < 5	U < 0.26	U < 0.26	U < 0.26	U < 0.052	U < 0.26	U < 0.052	U < 0.26	U < 0.26
XYLENES, TOTAL	1330-20-7	U < 5	U < 5	U < 5	U < 5	U < 0.55	U < 0.55	U < 0.55	U < 0.33	U < 0.55	U < 0.33	U < 0.55	U < 0.55

Table B-4
Summary of Soil QA/QC Sample Results - Trip Blanks and Rinsate Blanks
Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location		20090122TB	20090126TB	20090203TB	20090209TB	20090216TB	20090217TB	20090217EB	20090218TB	20090219TB	20090220TB	20090223TB	20090223EB
Collection Date	CAS No.	1/22/2009	1/26/2009	2/3/2009	2/9/2009	2/16/2009	2/17/2009	2/17/2009	2/18/2009	2/19/2009	2/20/2009	2/23/2009	2/23/2009
Parameter													
Semi-Volatile Organic Compounds													
1,1'-BIPHENYL	92-52-4	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4,5-TETRACHLOROBENZENE	95-94-3	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-TRICHLOROBENZENE	120-82-1	---	---	---	---	---	---	U < 1	---	---	---	---	U < 0.9
1,2-BENZPHENANTHRACENE (CHRYSENE)	218-01-9	---	---	---	---	---	---	U < 0.2	---	---	---	---	U < 0.0015
1,2-DICHLOROBENZENE	95-50-1	---	---	---	---	---	---	U < 1.2	---	---	---	---	U < 1.1
1,3-DICHLOROBENZENE	541-73-1	---	---	---	---	---	---	U < 1.1	---	---	---	---	U < 1
1,4-DICHLOROBENZENE	106-46-7	---	---	---	---	---	---	U < 1	---	---	---	---	U < 0.9
2,3,4,6-TETRACHLOROPHENOL	58-90-2	---	---	---	---	---	---	---	---	---	---	---	---
2,4,5-TRICHLOROPHENOL	95-95-4	---	---	---	---	---	---	U < 1.3	---	---	---	---	U < 1.2
2,4,6-TRICHLOROPHENOL	88-06-2	---	---	---	---	---	---	U < 2.4	---	---	---	---	U < 2.2
2,4-DICHLOROPHENOL	120-83-2	---	---	---	---	---	---	U < 1.6	---	---	---	---	U < 1.5
2,4-DIMETHYLPHENOL	105-67-9	---	---	---	---	---	---	U < 2.2	---	---	---	---	U < 2
2,4-DINITROPHENOL	51-28-5	---	---	---	---	---	---	U < 1	---	---	---	---	U < 0.9
2,4-DINITROTOLUENE	121-14-2	---	---	---	---	---	---	U < 1.3	---	---	---	---	U < 1.1
2,6-DINITROTOLUENE	606-20-2	---	---	---	---	---	---	U < 1.5	---	---	---	---	U < 1.3
2-CHLORONAPHTHALENE	91-58-7	---	---	---	---	---	---	U < 1.2	---	---	---	---	U < 1.1
2-CHLOROPHENOL	95-57-8	---	---	---	---	---	---	U < 1.2	---	---	---	---	U < 1.1
2-METHYLNAPHTHALENE	91-57-6	---	---	---	---	---	---	U < 1.2	---	---	---	---	U < 1.1
2-METHYLPHENOL (O-CRESOL)	95-48-7	---	---	---	---	---	---	U < 0.14	---	---	---	---	U < 0.13
2-NITROANILINE	88-74-4	---	---	---	---	---	---	U < 0.7	---	---	---	---	U < 0.7
2-NITROPHENOL	88-75-5	---	---	---	---	---	---	U < 1.7	---	---	---	---	U < 1.6
3,3'-DICHLOROBENZIDINE	91-94-1	---	---	---	---	---	---	U < 5.5	---	---	---	---	U < 4.9
3-NITROANILINE	99-09-2	---	---	---	---	---	---	U < 1.1	---	---	---	---	U < 1
4,6-DINITRO-2-METHYLPHENOL	534-52-1	---	---	---	---	---	---	U < 1.5	---	---	---	---	U < 1.2
4-BROMOPHENYL PHENYL ETHER	101-55-3	---	---	---	---	---	---	U < 1.3	---	---	---	---	U < 1.2
4-CHLORO-3-METHYLPHENOL	59-50-7	---	---	---	---	---	---	U < 1.8	---	---	---	---	U < 1.6
4-CHLOROANILINE	106-47-8	---	---	---	---	---	---	U < 0.8	---	---	---	---	U < 0.7
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	---	---	---	---	---	---	U < 1.2	---	---	---	---	U < 1
4-METHYLPHENOL (P-CRESOL)	106-44-5	---	---	---	---	---	---	U < 0.12	---	---	---	---	U < 0.11
4-NITROANILINE	100-01-6	---	---	---	---	---	---	U < 0.7	---	---	---	---	U < 0.6
4-NITROPHENOL	100-02-7	---	---	---	---	---	---	U < 1	---	---	---	---	U < 0.9
ACENAPHTHENE	83-32-9	---	---	---	---	---	---	U < 0.1	---	---	---	---	U < 0.0014
ACENAPHTHYLENE	208-96-8	---	---	---	---	---	---	U < 0.1	---	---	---	---	U < 0.0013
ACETOPHENONE	98-86-2	---	---	---	---	---	---	---	---	---	---	---	---
ANTHRACENE	120-12-7	---	---	---	---	---	---	U < 0.1	---	---	---	---	U < 0.0005
ATRAZINE	1912-24-9	---	---	---	---	---	---	---	---	---	---	---	---
BENZALDEHYDE	100-52-7	---	---	---	---	---	---	---	---	---	---	---	---
BENZO(A)ANTHRACENE	56-55-3	---	---	---	---	---	---	U < 0.011	---	---	---	---	U < 0.0095
BENZO(A)PYRENE	50-32-8	---	---	---	---	---	---	U < 0.067	---	---	---	---	U < 0.012
BENZO(B)FLUORANTHENE	205-99-2	---	---	---	---	---	---	U < 0.1	---	---	---	---	U < 0.014
BENZO(G,H,I)PERYLENE	191-24-2	---	---	---	---	---	---	U < 0.1	---	---	---	---	U < 0.0016
BENZO(K)FLUORANTHENE	207-08-9	---	---	---	---	---	---	U < 0.1	---	---	---	---	U < 0.01

Table B-4
Summary of Soil QA/QC Sample Results - Trip Blanks and Rinsate Blanks
Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location		20090122TB	20090126TB	20090203TB	20090209TB	20090216TB	20090217TB	20090217EB	20090218TB	20090219TB	20090220TB	20090223TB	20090223EB
Collection Date	CAS No.	1/22/2009	1/26/2009	2/3/2009	2/9/2009	2/16/2009	2/17/2009	2/17/2009	2/18/2009	2/19/2009	2/20/2009	2/23/2009	2/23/2009
Parameter													
BIS (2-CHLOROETHOXY) METHANE	111-91-1	---	---	---	---	---	---	U < 1	---	---	---	---	U < 0.9
BIS (2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	111-44-4	---	---	---	---	---	---	U < 1	---	---	---	---	U < 0.9
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	---	---	---	---	---	---	U < 1.2	---	---	---	---	U < 1
BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	---	---	---	---	---	---	U < 0.9	---	---	---	---	U < 0.8
BUTYL BENZYL PHTHALATE	85-68-7	---	---	---	---	---	---	U < 1.2	---	---	---	---	U < 1
CAPROLACTAM	105-60-2	---	---	---	---	---	---	---	---	---	---	---	---
CARBAZOLE	86-74-8	---	---	---	---	---	---	U < 1	---	---	---	---	U < 0.9
DIBENZ(A,H)ANTHRACENE	53-70-3	---	---	---	---	---	---	U < 0.1	---	---	---	---	U < 0.023
DIBENZOFURAN	132-64-9	---	---	---	---	---	---	U < 1	---	---	---	---	U < 0.9
DIETHYL PHTHALATE	84-66-2	---	---	---	---	---	---	U < 0.9	---	---	---	---	U < 0.8
DIMETHYL PHTHALATE	131-11-3	---	---	---	---	---	---	U < 1.2	---	---	---	---	U < 1.1
DI-N-BUTYLPHTHALATE	84-74-2	---	---	---	---	---	---	U < 1.1	---	---	---	---	U < 1
DI-N-OCTYLPHTHALATE	117-84-0	---	---	---	---	---	---	U < 1.1	---	---	---	---	U < 1
FLUORANTHENE	206-44-0	---	---	---	---	---	---	U < 0.1	---	---	---	---	U < 0.001
FLUORENE	86-73-7	---	---	---	---	---	---	U < 0.2	---	---	---	---	U < 0.0009
HEXACHLOROBENZENE	118-74-1	---	---	---	---	---	---	U < 0.4	---	---	---	---	U < 0.008
HEXACHLOROBUTADIENE	87-68-3	---	---	---	---	---	---	U < 0.7	---	---	---	---	U < 0.6
HEXACHLOROCYCLOPENTADIENE	77-47-4	---	---	---	---	---	---	U < 0.7	---	---	---	---	U < 0.6
HEXACHLOROETHANE	67-72-1	---	---	---	---	---	---	U < 1	---	---	---	---	U < 0.9
INDENO (1,2,3-C,D) PYRENE	193-39-5	---	---	---	---	---	---	U < 0.089	---	---	---	---	U < 0.016
ISOPHORONE	78-59-1	---	---	---	---	---	---	U < 1	---	---	---	---	U < 0.9
NAPHTHALENE	91-20-3	---	---	---	---	---	---	U < 0.2	---	---	---	---	U < 0.0013
NITROBENZENE	98-95-3	---	---	---	---	---	---	U < 1.1	---	---	---	---	U < 1
N-NITROSODI-N-PROPYLAMINE	621-64-7	---	---	---	---	---	---	U < 0.8	---	---	---	---	U < 0.7
N-NITROSODIPHENYLAMINE	86-30-6	---	---	---	---	---	---	U < 1.2	---	---	---	---	U < 1.1
PENTACHLOROPHENOL	87-86-5	---	---	---	---	---	---	U < 2.3	---	---	---	---	U < 0.0052
PHENANTHRENE	85-01-8	---	---	---	---	---	---	U < 0.089	---	---	---	---	U < 0.0012
PHENOL	108-95-2	---	---	---	---	---	---	U < 0.7	---	---	---	---	U < 0.6
PYRENE	129-00-0	---	---	---	---	---	---	U < 0.1	---	---	---	---	U < 0.001
Pesticides													
ALDRIN	309-00-2	---	---	---	---	---	---	U < 0.02	---	---	---	---	U < 0.02
ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	319-84-6	---	---	---	---	---	---	U < 0.02	---	---	---	---	U < 0.02
ALPHA ENDOSULFAN	959-98-8	---	---	---	---	---	---	---	---	---	---	---	---
BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	319-85-7	---	---	---	---	---	---	U < 0.02	---	---	---	---	U < 0.02
BETA ENDOSULFAN	33213-65-9	---	---	---	---	---	---	---	---	---	---	---	---
CHLORDANE	57-74-9	---	---	---	---	---	---	U < 0.2	---	---	---	---	U < 0.2
DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	319-86-8	---	---	---	---	---	---	U < 0.02	---	---	---	---	U < 0.02
DIELDRIN	60-57-1	---	---	---	---	---	---	U < 0.02	---	---	---	---	U < 0.02
ENDOSULFAN I	959-98-8	---	---	---	---	---	---	U < 0.02	---	---	---	---	U < 0.02
ENDOSULFAN II	33213-65-9	---	---	---	---	---	---	U < 0.02	---	---	---	---	U < 0.02
ENDOSULFAN SULFATE	1031-07-8	---	---	---	---	---	---	U < 0.02	---	---	---	---	U < 0.02
ENDRIN	72-20-8	---	---	---	---	---	---	U < 0.02	---	---	---	---	U < 0.02
ENDRIN ALDEHYDE	7421-93-4	---	---	---	---	---	---	U < 0.02	---	---	---	---	U < 0.02
ENDRIN KETONE	53494-70-5	---	---	---	---	---	---	U < 0.02	---	---	---	---	U < 0.02
GAMMA BHC (LINDANE)	58-89-9	---	---	---	---	---	---	U < 0.02	---	---	---	---	U < 0.02
HEPTACHLOR	76-44-8	---	---	---	---	---	---	U < 0.02	---	---	---	---	U < 0.02
HEPTACHLOR EPOXIDE	1024-57-3	---	---	---	---	---	---	U < 0.02	---	---	---	---	U < 0.02
METHOXYCHLOR	72-43-5	---	---	---	---	---	---	U < 0.03	---	---	---	---	U < 0.03
P,P'-DDD	72-54-8	---	---	---	---	---	---	U < 0.02	---	---	---	---	U < 0.02
P,P'-DDE	72-55-9	---	---	---	---	---	---	U < 0.02	---	---	---	---	U < 0.02
P,P'-DDT	50-29-3	---	---	---	---	---	---	U < 0.02	---	---	---	---	U < 0.02
TOXAPHENE (CAMPHECHLOR)	8001-35-2	---	---	---	---	---	---	U < 0.2	---	---	---	---	U < 0.2

Table B-4
Summary of Soil QA/QC Sample Results - Trip Blanks and Rinsate Blanks
Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location		20090122TB	20090126TB	20090203TB	20090209TB	20090216TB	20090217TB	20090217EB	20090218TB	20090219TB	20090220TB	20090223TB	20090223EB
Collection Date	CAS No.	1/22/2009	1/26/2009	2/3/2009	2/9/2009	2/16/2009	2/17/2009	2/17/2009	2/18/2009	2/19/2009	2/20/2009	2/23/2009	2/23/2009
Parameter													
Metals													
ALUMINUM	7429-90-5	West Production Area	---	---	---	---	---	U < 2.43	---	---	---	---	U < 2.43
ANTIMONY	7440-36-0		---	---	---	---	---	U 0.082	---	---	---	---	U < 0.031
ARSENIC	7440-38-2		---	---	---	---	---	0.348	---	---	---	---	0.138
BARIUM	7440-39-3		---	---	---	---	---	UJ < 0.12	---	---	---	---	U < 0.12
BERYLLIUM	7440-41-7		---	---	---	---	---	U < 0.025	---	---	---	---	U < 0.025
CADMIUM	7440-43-9		---	---	---	---	---	U < 0.135	---	---	---	---	U < 0.135
CALCIUM	7440-70-2		---	---	---	---	---	U 90.6	---	---	---	---	29.2
CHROMIUM (TOTAL)	7440-47-3		---	---	---	---	---	U 0.322	---	---	---	---	U < 0.102
COBALT	7440-48-4		---	---	---	---	---	U < 0.021	---	---	---	---	U < 0.021
COPPER	7440-50-8		---	---	---	---	---	UJ < 0.065	---	---	---	---	0.57
IRON	7439-89-6		---	---	---	---	---	U < 12.7	---	---	---	---	U < 12.7
LEAD	7439-92-1		---	---	---	---	---	U < 0.026	---	---	---	---	0.028
MAGNESIUM	7439-95-4		---	---	---	---	---	U < 6.67	---	---	---	---	U < 6.67
MANGANESE	7439-96-5		---	---	---	---	---	U < 0.223	---	---	---	---	U < 0.223
NICKEL	7440-02-0		---	---	---	---	---	U < 0.904	---	---	---	---	U < 0.904
POTASSIUM	7440-09-7		---	---	---	---	---	U 22.7	---	---	---	---	13.2
SELENIUM	7782-49-2		---	---	---	---	---	U < 0.1	---	---	---	---	0.158
SILVER	7440-22-4		---	---	---	---	---	U < 0.034	---	---	---	---	U < 0.034
SODIUM	7440-23-5		---	---	---	---	---	U 75.6	---	---	---	---	94.1
THALLIUM	7440-28-0		---	---	---	---	---	U < 0.112	---	---	---	---	U < 0.112
VANADIUM	7440-62-2		---	---	---	---	---	U 3.28	---	---	---	---	2.4
ZINC	7440-66-6		---	---	---	---	---	8.6	---	---	---	---	2.61
MERCURY	7439-97-6		---	---	---	---	---	U < 0.1	---	---	---	---	U < 0.1

Notes:
All results in µg/L
U = Non-detect at the Reporting Detection Limit shown
UJ = Estimated Non-detect at the Reporting Detection Limit shown
J = Estimated value
-- Sample not analyzed (analysis not requested) for this parameter
or datum was rejected
TB = Trip Blank; EB = Equipment Blank

Table B-4
Summary of Soil QA/QC Sample Results - Trip Blanks and Rinsate Blanks
Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location		20090224TB	20090225TB	20090225EB	20090226TB	20090227TB	20090227EB	20090304TB	20090304EB	20120730EB	20120730TB	20120731EB	20120731TB
Collection Date	CAS No.	2/24/2009	2/25/2009	2/25/2009	2/26/2009	2/27/2009	2/27/2009	3/4/2009	3/4/2009	7/30/2012	7/30/2012	7/31/2012	7/31/2012
Parameter													
Volatile Organic Compounds													
1,1,1-TRICHLOROETHANE	71-55-6	U < 1	U < 0.21	U < 0.21	U < 0.042	U < 0.21	U < 0.21	U < 0.21	U < 0.21	U < 0.06	U < 0.06	U < 0.06	U < 0.06
1,1,2,2-TETRACHLOROETHANE	79-34-5	U < 0.23	U < 0.23	U < 0.23	U < 0.23	U < 0.23	U < 0.23	U < 0.23	U < 0.23	U < 0.16	U < 0.16	U < 0.16	U < 0.16
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	---	---	---	---	---	---	---	---	U < 0.08	U < 0.08	U < 0.08	U < 0.08
1,1,2-TRICHLOROETHANE	79-00-5	U < 0.81	U < 0.27	U < 0.27	U < 0.09	U < 0.27	U < 0.27	U < 0.27	U < 0.27	U < 0.19	U < 0.19	U < 0.19	U < 0.19
1,1-DICHLOROETHANE	75-34-3	U < 0.85	U < 0.17	U < 0.17	U < 0.034	U < 0.17	U < 0.17	U < 0.17	U < 0.17	U < 0.13	U < 0.13	U < 0.13	U < 0.13
1,1-DICHLOROETHENE	75-35-4	U < 0.88	U < 0.44	U < 0.44	U < 0.23	U < 0.44	U < 0.44	U < 0.44	U < 0.44	U < 0.09	U < 0.09	U < 0.09	U < 0.09
1,2,3-TRICHLOROBENZENE	87-61-6	---	---	---	---	---	---	---	---	U < 0.51	U < 0.51	U < 0.51	U < 0.51
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	---	---	---	---	---	---	---	---	U < 0.4	U < 0.4	U < 0.4	U < 0.4
1,2-DIBROMOETHANE	106-93-4	---	---	---	---	---	---	---	---	U < 0.28	U < 0.28	U < 0.28	U < 0.28
1,2-DICHLOROETHANE	107-06-2	U < 0.42	U < 0.21	U < 0.21	U < 0.1	U < 0.21	U < 0.21	U < 0.21	U < 0.21	U < 0.19	U < 0.19	U < 0.19	U < 0.19
1,2-DICHLOROPROPANE	78-87-5	U < 0.25	U < 0.25	U < 0.25	U < 0.25	U < 0.25	U < 0.25	U < 0.25	U < 0.25	U < 0.09	U < 0.09	U < 0.09	U < 0.09
1,4-DIOXANE	123-91-1	---	---	---	---	---	---	---	---	U < 36	U < 36	U < 36	U < 36
2-HEXANONE	591-78-6	U < 0.16	U < 0.31	U < 0.31	U < 0.62	U < 0.31	U < 0.31	U < 3.1	U < 0.31	U < 0.5	U < 0.5	U < 0.5	U < 0.5
ACETONE	67-64-1	U < 0.65	U < 1.3	U < 1.3	U < 2.6	U < 1.3	U < 1.3	U < 1.3	U < 1.3	U < 2.7	U < 2.7	U < 2.7	U < 2.7
BENZENE	71-43-2	U < 0.25	U < 0.25	U < 0.25	U < 0.25	U < 0.25	U < 0.25	U < 0.25	U < 0.25	U < 0.08	U < 0.08	U < 0.08	U < 0.08
BROMODICHLOROMETHANE	75-27-4	U < 0.2	U < 0.2	U < 0.2	U < 0.2	U < 0.2	U < 0.2	U < 0.2	U < 0.2	U < 0.12	U < 0.12	U < 0.12	U < 0.12
BROMOMETHANE	74-83-9	U < 2.4	U < 0.49	U < 0.49	U < 0.098	U < 0.49	U < 0.49	U < 0.49	U < 0.49	U < 0.18	U < 0.18	U < 0.18	U < 0.18
CARBON DISULFIDE	75-15-0	U < 0.85	U < 0.17	U < 0.17	U < 0.034	U < 0.17	U < 0.17	U < 0.17	U < 0.17	U < 0.13	U < 0.13	U < 0.13	U < 0.13
CARBON TETRACHLORIDE	56-23-5	U < 0.52	U < 0.26	U < 0.26	U < 0.14	U < 0.26	U < 0.26	U < 0.26	U < 0.26	U < 0.06	U < 0.06	U < 0.06	U < 0.06
CHLOROBENZENE	108-90-7	U < 1.4	U < 0.27	U < 0.27	U < 0.054	U < 0.27	U < 0.27	U < 0.27	U < 0.27	U < 0.11	U < 0.11	U < 0.11	U < 0.11
CHLOROBROMOMETHANE	74-97-5	---	---	---	---	---	---	---	---	U < 0.27	U < 0.27	U < 0.27	U < 0.27
CHLOROETHANE	75-00-3	U < 0.9	U < 0.18	U < 0.18	U < 0.036	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.17	U < 0.17	U < 0.17	U < 0.17
CHLOROFORM	67-66-3	U < 0.85	U < 0.17	U < 0.17	U < 0.034	U < 0.17	U < 0.17	U < 0.17	U < 0.17	U < 0.08	U < 0.08	U < 0.08	U < 0.08
CHLOROMETHANE	74-87-3	U < 1.3	U < 0.26	U < 0.26	U < 0.052	U < 0.26	U < 0.26	U < 0.26	U < 0.26	U < 0.1	U < 0.1	U < 0.1	U < 0.1
CIS-1,2-DICHLOROETHYLENE	156-59-2	U < 0.65	U < 0.14	U < 0.14	U < 0.026	U < 0.14	U < 0.14	U < 0.14	U < 0.14	U < 0.18	U < 0.18	U < 0.18	U < 0.18
CIS-1,3-DICHLOROPROPENE	10061-01-5	U < 0.9	U < 0.18	U < 0.18	U < 0.036	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18
CYCLOHEXANE	110-82-7	---	---	---	---	---	---	---	---	U < 0.16	U < 0.16	U < 0.16	U < 0.16
DIBROMOCHLOROMETHANE	124-48-1	U < 0.8	U < 0.17	U < 0.17	U < 0.032	U < 0.17	U < 0.17	U < 0.17	U < 0.17	U < 0.2	U < 0.2	U < 0.2	U < 0.2
DICHLORODIFLUROMETHANE	75-71-8	---	---	---	---	---	---	---	---	U < 0.22	U < 0.22	U < 0.22	U < 0.22
ETHYLBENZENE	100-41-4	U < 0.92	U < 0.23	U < 0.23	U < 0.058	U < 0.23	U < 0.23	U < 0.23	U < 0.23	U < 0.1	U < 0.1	U < 0.1	U < 0.1
ISOPROPYLBENZENE	98-82-8	---	---	---	---	---	---	---	---	U < 0.08	U < 0.08	U < 0.08	U < 0.08
METHYL ACETATE	79-20-9	---	---	---	---	---	---	---	---	U < 0.34	U < 0.34	U < 0.34	U < 0.34
METHYL ETHYL KETONE (2-BUTANONE)	78-93-3	U < 0.51	U < 1	U < 1	U < 2	U < 1	U < 1	U < 1	U < 1	U < 2.3	U < 2.3	U < 2.3	U < 2.3
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	108-10-1	U < 0.28	U < 0.56	U < 0.56	U < 1.1	U < 0.56	U < 0.56	U < 0.56	U < 0.56	U < 0.99	U < 0.99	U < 0.99	U < 0.99
METHYL TERT-BUTYL ETHER	1634-04-4	---	---	---	---	---	---	---	---	U < 0.14	U < 0.14	U < 0.14	U < 0.14
METHYLCYCLOHEXANE	108-87-2	---	---	---	---	---	---	---	---	U < 0.14	U < 0.14	U < 0.14	U < 0.14
METHYLENE CHLORIDE (DICHLOROMETHANE)	75-09-2	U < 0.72	U < 0.25	U < 0.25	U < 0.081	U < 0.25	U < 0.25	U < 0.25	0.8	U < 0.18	U < 0.18	U < 0.18	U < 0.18
STYRENE	100-42-5	U < 0.8	U < 0.17	U < 0.17	U < 0.032	U < 0.17	U < 0.17	U < 0.17	U < 0.17	U < 0.12	U < 0.12	U < 0.12	U < 0.12
TERT-BUTYL METHYL ETHER	1634-04-4	---	---	---	---	---	---	---	---	U < 0.14	U < 0.14	U < 0.14	U < 0.14
TETRACHLOROETHYLENE (PCE)	127-18-4	U < 0.28	U < 0.28	U < 0.28	U < 0.28	U < 0.28	U < 0.28	U < 0.28	U < 0.28	U < 0.1	U < 0.1	U < 0.1	U < 0.1
TOLUENE	108-88-3	U < 1.2	U < 0.24	U < 0.24	U < 0.048	U < 0.24	U < 0.24	U < 0.25	U < 0.25	U < 0.15	U < 0.15	U < 0.15	U < 0.15
TRANS-1,2-DICHLOROETHENE	156-60-5	U < 1.6	U < 0.33	U < 0.33	U < 0.067	U < 0.33	U < 0.33	U < 0.33	U < 0.33	U < 0.13	U < 0.13	U < 0.13	U < 0.13
TRANS-1,3-DICHLOROPROPENE	10061-02-6	U < 0.6	U < 0.12	U < 0.12	U < 0.024	U < 0.12	U < 0.12	U < 0.12	U < 0.12	U < 0.24	U < 0.24	U < 0.24	U < 0.24
TRIBOMOMETHANE (BROMOFORM)	75-25-2	U < 0.6	U < 0.15	U < 0.15	U < 0.038	U < 0.15	U < 0.15	U < 0.15	U < 0.15	U < 0.19	U < 0.19	U < 0.19	U < 0.19
TRICHLOROETHYLENE (TCE)	79-01-6	U < 0.27	U < 0.27	U < 0.27	U < 0.27	U < 0.27	U < 0.27	U < 0.27	U < 0.27	U < 0.09	U < 0.09	U < 0.09	U < 0.09
TRICHLOROFLUOROMETHANE	75-69-4	---	---	---	---	---	---	---	---	U < 0.15	U < 0.15	U < 0.15	U < 0.15
VINYL CHLORIDE	75-01-4	U < 1.3	U < 0.26	U < 0.26	U < 0.052	U < 0.26	U < 0.26	U < 0.26	U < 0.26	U < 0.14	U < 0.14	U < 0.14	U < 0.14
XYLENES, TOTAL	1330-20-7	U < 0.92	U < 0.55	U < 0.55	U < 0.33	U < 0.55	U < 0.55	U < 1.6	U < 0.55	---	---	---	---

West Production Area

Table B-4
Summary of Soil QA/QC Sample Results - Trip Blanks and Rinsate Blanks
Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location		20090224TB	20090225TB	20090225EB	20090226TB	20090227TB	20090227EB	20090304TB	20090304EB	20120730EB	20120730TB	20120731EB	20120731TB
Collection Date	CAS No.	2/24/2009	2/25/2009	2/25/2009	2/26/2009	2/27/2009	2/27/2009	3/4/2009	3/4/2009	7/30/2012	7/30/2012	7/31/2012	7/31/2012
Parameter													
Semi-Volatile Organic Compounds													
1,1'-BIPHENYL	92-52-4	---	---	---	---	---	---	---	---	U < 2.8	---	U < 2.8	---
1,2,4,5-TETRACHLOROBENZENE	95-94-3	---	---	---	---	---	---	---	---	U < 2.6	---	U < 2.6	---
1,2,4-TRICHLOROBENZENE	120-82-1	---	---	U < 1	---	---	U < 0.9	---	U < 1	U < 0.34	---	U < 0.34	---
1,2-BENZPHENANTHRACENE (CHRYSENE)	218-01-9	---	---	U < 0.0017	---	---	U < 0.0015	---	U < 0.0017	U < 3.1	---	U < 3.1	---
1,2-DICHLOROBENZENE	95-50-1	---	---	U < 1.2	---	---	U < 1.1	---	U < 1.2	U < 0.21	---	U < 0.21	---
1,3-DICHLOROBENZENE	541-73-1	---	---	U < 1.1	---	---	U < 1	---	U < 1.1	U < 0.14	---	U < 0.14	---
1,4-DICHLOROBENZENE	106-46-7	---	---	U < 1	---	---	U < 0.9	---	U < 1	U < 0.23	---	U < 0.23	---
2,3,4,6-TETRACHLOROPHENOL	58-90-2	---	---	---	---	---	---	---	---	U < 2.5	---	U < 2.5	---
2,4,5-TRICHLOROPHENOL	95-95-4	---	---	U < 1.3	---	---	U < 1.2	---	U < 1.3	U < 2.6	---	U < 2.6	---
2,4,6-TRICHLOROPHENOL	88-06-2	---	---	U < 2.4	---	---	U < 2.2	---	U < 2.4	U < 2.4	---	U < 2.4	---
2,4-DICHLOROPHENOL	120-83-2	---	---	U < 1.6	---	---	U < 1.5	---	U < 1.6	U < 2.6	---	U < 2.6	---
2,4-DIMETHYLPHENOL	105-67-9	---	---	U < 2.2	---	---	U < 2.1	---	U < 2.2	U < 3.4	---	U < 3.4	---
2,4-DINITROPHENOL	51-28-5	---	---	U < 1	---	---	U < 0.9	---	U < 1	U < 5.4	---	U < 5.4	---
2,4-DINITROTOLUENE	121-14-2	---	---	U < 1.3	---	---	U < 1.2	---	U < 1.3	U < 0.47	---	U < 0.47	---
2,6-DINITROTOLUENE	606-20-2	---	---	U < 1.5	---	---	U < 1.3	---	U < 1.5	U < 0.61	---	U < 0.61	---
2-CHLORONAPHTHALENE	91-58-7	---	---	U < 1.2	---	---	U < 1.1	---	U < 1.2	U < 2.7	---	U < 2.7	---
2-CHLOROPHENOL	95-57-8	---	---	U < 1.2	---	---	U < 1.1	---	U < 1.2	U < 2.2	---	U < 2.2	---
2-METHYLNAPHTHALENE	91-57-6	---	---	U < 1.2	---	---	U < 1.1	---	U < 1.2	U < 3	---	U < 3	---
2-METHYLPHENOL (O-CRESOL)	95-48-7	---	---	U < 0.14	---	---	U < 0.13	---	U < 0.14	U < 1.8	---	U < 1.8	---
2-NITROANILINE	88-74-4	---	---	U < 0.7	---	---	U < 0.7	---	U < 0.7	U < 4.9	---	U < 4.9	---
2-NITROPHENOL	88-75-5	---	---	U < 1.7	---	---	U < 1.6	---	U < 1.7	U < 2.4	---	U < 2.4	---
3,3'-DICHLOROBENZIDINE	91-94-1	---	---	U < 5.5	---	---	U < 5	---	U < 5.5	U < 4.9	---	U < 4.9	---
3-NITROANILINE	99-09-2	---	---	U < 1.1	---	---	U < 1	---	U < 1.1	U < 5	---	U < 5	---
4,6-DINITRO-2-METHYLPHENOL	534-52-1	---	---	U < 1.5	---	---	U < 1.2	---	U < 1.5	U < 4.7	---	U < 4.7	---
4-BROMOPHENYL PHENYL ETHER	101-55-3	---	---	U < 1.3	---	---	U < 1.2	---	U < 1.3	U < 2.5	---	U < 2.5	---
4-CHLORO-3-METHYLPHENOL	59-50-7	---	---	U < 1.8	---	---	U < 1.7	---	U < 1.8	U < 2.5	---	U < 2.5	---
4-CHLOROANILINE	106-47-8	---	---	U < 0.8	---	---	U < 0.7	---	U < 0.8	U < 2	---	U < 2	---
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	---	---	U < 1.2	---	---	U < 1.1	---	U < 1.2	U < 2.5	---	U < 2.5	---
4-METHYLPHENOL (P-CRESOL)	106-44-5	---	---	U < 0.12	---	---	U < 0.11	---	U < 0.12	U < 1.6	---	U < 1.6	---
4-NITROANILINE	100-01-6	---	---	U < 0.7	---	---	U < 0.6	---	U < 0.7	U < 5.8	---	U < 5.8	---
4-NITROPHENOL	100-02-7	---	---	U < 1	---	---	U < 0.9	---	U < 1	U < 6.7	---	U < 6.7	---
ACENAPHTHENE	83-32-9	---	---	U < 0.0015	---	---	U < 0.0014	---	U < 0.0015	U < 2.7	---	U < 2.7	---
ACENAPHTHYLENE	208-96-8	---	---	U < 0.0014	---	---	U < 0.0013	---	U < 0.0014	U < 2.7	---	U < 2.7	---
ACETOPHENONE	98-86-2	---	---	---	---	---	---	---	---	U < 2.7	---	U < 2.7	---
ANTHRACENE	120-12-7	---	---	U < 0.0006	---	---	U < 0.00056	---	U < 0.000616	U < 2.8	---	U < 2.8	---
ATRAZINE	1912-24-9	---	---	---	---	---	---	---	---	U < 3	---	U < 3	---
BENZALDEHYDE	100-52-7	---	---	---	---	---	---	---	---	U < 2	---	U < 2	---
BENZO(A)ANTHRACENE	56-55-3	---	---	U < 0.011	---	---	U < 0.0097	---	U < 0.011	U < 0.27	---	U < 0.27	---
BENZO(A)PYRENE	50-32-8	---	---	U < 0.014	---	---	U < 0.013	---	U < 0.014	U < 0.14	---	U < 0.14	---
BENZO(B)FLUORANTHENE	205-99-2	---	---	U < 0.016	---	---	U < 0.014	---	U < 0.016	U < 0.26	---	U < 0.26	---
BENZO(G,H,I)PERYLENE	191-24-2	---	---	U < 0.0018	---	---	U < 0.0016	---	U < 0.0018	U < 2	---	U < 2	---
BENZO(K)FLUORANTHENE	207-08-9	---	---	U < 0.012	---	---	U < 0.011	---	U < 0.012	U < 0.26	---	U < 0.26	---

West Production Area

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Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location		20090224TB	20090225TB	20090225EB			20090226TB	20090227TB	20090227EB	20090304TB	20090304EB	20120730EB	20120730TB	20120731EB	20120731TB	
Collection Date	CAS No.	2/24/2009	2/25/2009	2/25/2009			2/26/2009	2/27/2009	2/27/2009	3/4/2009	3/4/2009	7/30/2012	7/30/2012	7/31/2012	7/31/2012	
Parameter																
BIS (2-CHLOROETHOXY) METHANE	111-91-1	---	---	U < 1	West Production Area		---	---	U < 0.9	---	U < 1	U < 2.6	---	U < 2.6	---	
BIS (2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	111-44-4	---	---	U < 1			---	---	U < 0.9	---	U < 1	U < 0.28	---	U < 0.28	---	---
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	---	---	U < 1.2			---	---	U < 1.1	---	U < 1.2	U < 2	---	U < 2	---	---
BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	---	---	U < 0.9			---	---	U < 0.9	---	U < 0.9	U < 2	---	U < 2	---	---
BUTYL BENZYL PHTHALATE	85-68-7	---	---	U < 1.2			---	---	U < 1.1	---	U < 1.2	U < 2.5	---	U < 2.5	---	---
CAPROLACTAM	105-60-2	---	---	---			---	---	---	---	---	U < 2.5	---	U < 2.5	---	---
CARBAZOLE	86-74-8	---	---	U < 1			---	---	U < 0.9	---	U < 1	U < 3.2	---	U < 3.2	---	---
DIBENZ(A,H)ANTHRACENE	53-70-3	---	---	U < 0.026			---	---	U < 0.023	---	U < 0.026	U < 0.09	---	U < 0.09	---	---
DIBENZOFURAN	132-64-9	---	---	U < 1			---	---	U < 0.9	---	U < 1	U < 2.8	---	U < 2.8	---	---
DIETHYL PHTHALATE	84-66-2	---	---	U < 0.9			---	---	U < 0.8	---	U < 0.9	U < 2.9	---	U < 2.9	---	---
DIMETHYL PHTHALATE	131-11-3	---	---	U < 1.2			---	---	U < 1.1	---	U < 1.2	U < 2.8	---	U < 2.8	---	---
DI-N-BUTYLPHTHALATE	84-74-2	---	---	U < 1.1			---	---	U < 1	---	U < 1.1	U < 2.9	---	U < 2.9	---	---
DI-N-OCTYLPHTHALATE	117-84-0	---	---	U < 1.1			---	---	U < 1	---	U < 1.1	U < 1.5	---	U < 1.5	---	---
FLUORANTHENE	206-44-0	---	---	U < 0.0012			---	---	U < 0.0011	---	U < 0.0012	U < 3.2	---	U < 3.2	---	---
FLUORENE	86-73-7	---	---	U < 0.001			---	---	U < 0.0009	---	U < 0.001	U < 2.8	---	U < 2.8	---	---
HEXACHLOROBENZENE	118-74-1	---	---	U < 0.0088			---	---	U < 0.008	---	U < 0.0088	U < 0.29	---	U < 0.29	---	---
HEXACHLOROBUTADIENE	87-68-3	---	---	U < 0.7			---	---	U < 0.6	---	U < 0.7	U < 0.57	---	U < 0.57	---	---
HEXACHLOROCYCLOPENTADIENE	77-47-4	---	---	U < 0.7			---	---	U < 0.6	---	U < 0.7	U < 1.7	---	U < 1.7	---	---
HEXACHLOROETHANE	67-72-1	---	---	U < 1			---	---	U < 0.9	---	U < 1	U < 0.25	---	U < 0.25	---	---
INDENO (1,2,3-C,D) PYRENE	193-39-5	---	---	U < 0.018			---	---	U < 0.017	---	U < 0.018	U < 0.15	---	U < 0.15	---	---
ISOPHORONE	78-59-1	---	---	U < 1			---	---	U < 1	---	U < 1	U < 2.7	---	U < 2.7	---	---
NAPHTHALENE	91-20-3	---	---	0.2			---	---	U < 0.0013	---	U < 0.0014	U < 2.7	---	U < 2.7	---	---
NITROBENZENE	98-95-3	---	---	U < 1.1			---	---	U < 1	---	U < 1.1	U < 0.3	---	U < 0.3	---	---
N-NITROSODI-N-PROPYLAMINE	621-64-7	---	---	U < 0.8			---	---	U < 0.8	---	U < 0.8	U < 0.25	---	U < 0.25	---	---
N-NITROSODIPHENYLAMINE	86-30-6	---	---	U < 1.2			---	---	U < 1.1	---	U < 1.2	U < 2.9	---	U < 2.9	---	---
PENTACHLOROPHENOL	87-86-5	---	---	U < 0.0052			---	---	U < 0.0052	---	U < 0.0052	U < 5.3	---	U < 5.3	---	---
PHENANTHRENE	85-01-8	---	---	U < 0.0013			---	---	U < 0.0012	---	U < 0.0013	U < 3.1	---	U < 3.1	---	---
PHENOL	108-95-2	---	---	U < 0.7			---	---	U < 0.6	---	U < 0.7	U < 0.81	---	U < 0.81	---	---
PYRENE	129-00-0	---	---	U < 0.0012			---	---	U < 0.0011	---	U < 0.0012	U < 2.9	---	U < 2.9	---	---
Pesticides																
ALDRIN	309-00-2	---	---	U < 0.02	West Production Area		---	---	U < 0.02	---	U < 0.02	U < 0.01	---	U < 0.01	---	
ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	319-84-6	---	---	U < 0.02			---	---	U < 0.02	---	U < 0.02	U < 0.01	---	U < 0.01	---	---
ALPHA ENDOSULFAN	959-98-8	---	---	---			---	---	---	---	---	---	---	---	---	---
BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	319-85-7	---	---	U < 0.02			---	---	U < 0.02	---	U < 0.02	U < 0.011	---	U < 0.011	---	---
BETA ENDOSULFAN	33213-65-9	---	---	---			---	---	---	---	---	---	---	---	---	---
CHLORDANE	57-74-9	---	---	U < 0.2			---	---	U < 0.2	---	U < 0.2	U < 0.34	---	U < 0.34	---	---
DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	319-86-8	---	---	U < 0.02			---	---	U < 0.02	---	U < 0.02	U < 0.0091	---	U < 0.0091	---	---
DIELDRIN	60-57-1	---	---	U < 0.02			---	---	U < 0.02	---	U < 0.02	U < 0.0051	---	U < 0.0051	---	---
ENDOSULFAN I	959-98-8	---	---	U < 0.02			---	---	U < 0.02	---	U < 0.02	U < 0.0091	---	U < 0.0091	---	---
ENDOSULFAN II	33213-65-9	---	---	U < 0.02			---	---	U < 0.02	---	U < 0.02	U < 0.01	---	U < 0.01	---	---
ENDOSULFAN SULFATE	1031-07-8	---	---	U < 0.02			---	---	U < 0.02	---	U < 0.02	U < 0.016	---	U < 0.016	---	---
ENDRIN	72-20-8	---	---	U < 0.02			---	---	U < 0.02	---	U < 0.02	U < 0.01	---	U < 0.01	---	---
ENDRIN ALDEHYDE	7421-93-4	---	---	U < 0.02			---	---	U < 0.02	---	U < 0.02	U < 0.0091	---	U < 0.0091	---	---
ENDRIN KETONE	53494-70-5	---	---	U < 0.02			---	---	U < 0.02	---	U < 0.02	U < 0.011	---	U < 0.011	---	---
GAMMA BHC (LINDANE)	58-89-9	---	---	U < 0.02			---	---	U < 0.02	---	U < 0.02	U < 0.012	---	U < 0.012	---	---
HEPTACHLOR	76-44-8	---	---	U < 0.02			---	---	U < 0.02	---	U < 0.02	U < 0.01	---	U < 0.01	---	---
HEPTACHLOR EPOXIDE	1024-57-3	---	---	U < 0.02			---	---	U < 0.02	---	U < 0.02	U < 0.01	---	U < 0.01	---	---
METHOXYCHLOR	72-43-5	---	---	U < 0.03			---	---	U < 0.03	---	U < 0.04	U < 0.013	---	U < 0.013	---	---
P,P'-DDD	72-54-8	---	---	U < 0.02			---	---	U < 0.02	---	U < 0.02	U < 0.011	---	U < 0.011	---	---
P,P'-DDE	72-55-9	---	---	U < 0.02			---	---	U < 0.02	---	U < 0.02	U < 0.0091	---	U < 0.0091	---	---
P,P'-DDT	50-29-3	---	---	U < 0.02			---	---	U < 0.02	---	U < 0.02	U < 0.01	---	U < 0.01	---	---
TOXAPHENE (CAMPHECHLOR)	8001-35-2	---	---	U < 0.2			---	---	U < 0.2	---	U < 0.2	U < 0.2	---	U < 0.2	---	---

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Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location	CAS No.	20090224TB	20090225TB	20090225EB		20090226TB	20090227TB	20090227EB	20090304TB	20090304EB	20120730EB	20120730TB	20120731EB	20120731TB
Collection Date		2/24/2009	2/25/2009	2/25/2009		2/26/2009	2/27/2009	2/27/2009	3/4/2009	3/4/2009	7/30/2012	7/30/2012	7/31/2012	7/31/2012
Parameter														
Metals														
ALUMINUM	7429-90-5	---	---	4.81	West Production Area	---	---	4.06	---	U < 2.43	U < 72.1	---	U < 72.1	---
ANTIMONY	7440-36-0	---	---	0.032		---	---	U < 0.031	---	0.062	U < 7.4	---	U < 7.4	---
ARSENIC	7440-38-2	---	---	1.56		---	---	0.786	---	0.895	U < 3.7	---	U < 3.7	---
BARIUM	7440-39-3	---	---	U < 0.12		---	---	0.58	---	U < 0.12	U < 5.9	---	U < 5.9	---
BERYLLIUM	7440-41-7	---	---	U < 0.025		---	---	U < 0.025	---	U < 0.025	U < 0.78	---	U < 0.78	---
CADMIUM	7440-43-9	---	---	U < 0.135		---	---	U < 0.135	---	U < 0.135	U < 0.82	---	U < 0.82	---
CALCIUM	7440-70-2	---	---	41.4		---	---	47.2	---	26	U < 305	---	U < 305	---
CHROMIUM (TOTAL)	7440-47-3	---	---	0.21		---	---	U < 0.102	---	0.354	U < 4.5	---	U < 4.5	---
COBALT	7440-48-4	---	---	U < 0.021		---	---	U < 0.021	---	U < 0.021	U < 4.3	---	U < 4.3	---
COPPER	7440-50-8	---	---	0.266		---	---	0.434	---	0.178	U < 7.8	---	U < 7.8	---
IRON	7439-89-6	---	---	U < 12.7		---	---	U < 12.7	---	U < 12.7	U < 73.6	---	U < 73.6	---
LEAD	7439-92-1	---	---	0.158		---	---	U < 0.026	---	U < 0.026	U < 4	---	U < 4	---
MAGNESIUM	7439-95-4	---	---	U < 6.67		---	---	U < 6.67	---	U < 6.67	U < 321	---	U < 321	---
MANGANESE	7439-96-5	---	---	0.232		---	---	0.26	---	U < 0.223	U < 4.3	---	U < 4.3	---
NICKEL	7440-02-0	---	---	U < 0.904		---	---	U < 0.904	---	U < 0.904	U < 5	---	U < 5	---
POTASSIUM	7440-09-7	---	---	13.8		---	---	23.6	---	15.6	U < 525	---	---	---
SELENIUM	7782-49-2	---	---	0.353		---	---	U < 0.1	---	0.115	U < 5.8	---	U < 5.8	---
SILVER	7440-22-4	---	---	U < 0.034		---	---	U < 0.034	---	U < 0.034	U < 1.3	---	U < 1.3	---
SODIUM	7440-23-5	---	---	U < 11.3		---	---	239	---	U < 11.3	U < 821	---	U < 821	---
THALLIUM	7440-28-0	---	---	U < 0.112		---	---	0.126	---	U < 0.112	U < 5.2	---	U < 5.2	---
VANADIUM	7440-62-2	---	---	6.43		---	---	2.22	---	3.72	U < 4	---	U < 4	---
ZINC	7440-66-6	---	---	3.91		---	---	1.9	---	0.982	U < 5.8	---	U < 5.8	---
MERCURY	7439-97-6	---	---	U < 0.1		---	---	U < 0.1	---	U < 0.1	U < 0.16	---	U < 0.16	---

Notes:
All results in µg/L
U = Non-detect at the Reporting Detection Limit shown
UJ = Estimated Non-detect at the Reporting Detection Limit shown
J = Estimated value
-- Sample not analyzed (analysis not requested) for this parameter
or datum was rejected
TB = Trip Blank; EB = Equipment Blank

Table B-4
Summary of Soil QA/QC Sample Results - Trip Blanks and Rinsate Blanks
Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location		20120801EB	20120801TB	20120803EB	20120803TB	20120806EB	20120806TB	20120807EB
Collection Date	CAS No.	8/1/2012	8/1/2012	8/3/2012	8/3/2012	8/6/2012	8/6/2012	8/7/2012
Parameter								
Volatile Organic Compounds								
1,1,1-TRICHLOROETHANE	71-55-6	U < 0.06	U < 0.06	U < 0.06	U < 0.06	U < 0.06	U < 0.06	U < 0.06
1,1,2,2-TETRACHLOROETHANE	79-34-5	U < 0.16	U < 0.16	U < 0.16	U < 0.16	U < 0.16	U < 0.16	U < 0.16
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	U < 0.08	U < 0.08	U < 0.08	U < 0.08	U < 0.08	U < 0.08	U < 0.08
1,1,2-TRICHLOROETHANE	79-00-5	U < 0.19	U < 0.19	U < 0.19	U < 0.19	U < 0.19	U < 0.19	U < 0.19
1,1-DICHLOROETHANE	75-34-3	U < 0.13	U < 0.13	U < 0.13	U < 0.13	U < 0.13	U < 0.13	U < 0.13
1,1-DICHLOROETHENE	75-35-4	U < 0.09	U < 0.09	U < 0.09	U < 0.09	U < 0.09	U < 0.09	U < 0.09
1,2,3-TRICHLOROBENZENE	87-61-6	U < 0.51	U < 0.51	U < 0.51	U < 0.51	U < 0.51	U < 0.51	U < 0.51
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	U < 0.4	U < 0.4	U < 0.4	U < 0.4	U < 0.4	U < 0.4	U < 0.4
1,2-DIBROMOETHANE	106-93-4	U < 0.28	U < 0.28	U < 0.28	U < 0.28	U < 0.28	U < 0.28	U < 0.28
1,2-DICHLOROETHANE	107-06-2	U < 0.19	U < 0.19	U < 0.19	U < 0.19	U < 0.19	U < 0.19	U < 0.19
1,2-DICHLOROPROPANE	78-87-5	U < 0.09	U < 0.09	U < 0.09	U < 0.09	U < 0.09	U < 0.09	U < 0.09
1,4-DIOXANE	123-91-1	U < 36	U < 36	U < 36	U < 36	U < 36	U < 36	U < 36
2-HEXANONE	591-78-6	U < 0.5	U < 0.5	U < 0.5	U < 0.5	U < 0.5	U < 0.5	U < 0.5
ACETONE	67-64-1	10	10	U < 2.7	U < 2.7	U < 2.7	U < 2.7	U < 2.7
BENZENE	71-43-2	U < 0.08	U < 0.08	U < 0.08	U < 0.08	U < 0.08	U < 0.08	U < 0.08
BROMODICHLOROMETHANE	75-27-4	U < 0.12	U < 0.12	U < 0.12	U < 0.12	U < 0.12	U < 0.12	U < 0.12
BROMOMETHANE	74-83-9	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18
CARBON DISULFIDE	75-15-0	U < 0.13	U < 0.13	U < 0.13	U < 0.13	U < 0.13	U < 0.13	U < 0.13
CARBON TETRACHLORIDE	56-23-5	U < 0.06	U < 0.06	U < 0.06	U < 0.06	U < 0.06	U < 0.06	U < 0.06
CHLOROBENZENE	108-90-7	U < 0.11	U < 0.11	U < 0.11	U < 0.11	U < 0.11	U < 0.11	U < 0.11
CHLOROBROMOMETHANE	74-97-5	U < 0.27	U < 0.27	U < 0.27	U < 0.27	U < 0.27	U < 0.27	U < 0.27
CHLOROETHANE	75-00-3	U < 0.17	U < 0.17	U < 0.17	U < 0.17	U < 0.17	U < 0.17	U < 0.17
CHLOROFORM	67-66-3	U < 0.08	U < 0.08	U < 0.08	U < 0.08	U < 0.08	U < 0.08	U < 0.08
CHLOROMETHANE	74-87-3	U < 0.1	U < 0.1	U < 0.1	U < 0.1	U < 0.1	U < 0.1	U < 0.1
CIS-1,2-DICHLOROETHYLENE	156-59-2	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18
CIS-1,3-DICHLOROPROPENE	10061-01-5	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18
CYCLOHEXANE	110-82-7	U < 0.16	U < 0.16	U < 0.16	U < 0.16	U < 0.16	U < 0.16	U < 0.16
DIBROMOCHLOROMETHANE	124-48-1	U < 0.2	U < 0.2	U < 0.2	U < 0.2	U < 0.2	U < 0.2	U < 0.2
DICHLORODIFLUROMETHANE	75-71-8	U < 0.22	U < 0.22	U < 0.22	U < 0.22	U < 0.22	U < 0.22	U < 0.22
ETHYLBENZENE	100-41-4	U < 0.1	U < 0.1	U < 0.1	U < 0.1	U < 0.1	U < 0.1	U < 0.1
ISOPROPYLBENZENE	98-82-8	U < 0.08	U < 0.08	U < 0.08	U < 0.08	U < 0.08	U < 0.08	U < 0.08
METHYL ACETATE	79-20-9	U < 0.34	U < 0.34	U < 0.34	U < 0.34	U < 0.34	U < 0.34	U < 0.34
METHYL ETHYL KETONE (2-BUTANONE)	78-93-3	U < 2.3	U < 2.3	U < 2.3	U < 2.3	U < 2.3	U < 2.3	U < 2.3
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	108-10-1	U < 0.99	U < 0.99	U < 0.99	U < 0.99	U < 0.99	U < 0.99	U < 0.99
METHYL TERT-BUTYL ETHER	1634-04-4	U < 0.14	U < 0.14	U < 0.14	U < 0.14	U < 0.14	U < 0.14	U < 0.14
METHYLCYCLOHEXANE	108-87-2	U < 0.14	U < 0.14	U < 0.14	U < 0.14	U < 0.14	U < 0.14	U < 0.14
METHYLENE CHLORIDE (DICHLOROMETHANE)	75-09-2	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18
STYRENE	100-42-5	U < 0.12	U < 0.12	U < 0.12	U < 0.12	U < 0.12	U < 0.12	U < 0.12
TERT-BUTYL METHYL ETHER	1634-04-4	U < 0.14	U < 0.14	U < 0.14	U < 0.14	U < 0.14	U < 0.14	U < 0.14
TETRACHLOROETHYLENE (PCE)	127-18-4	U < 0.1	U < 0.1	U < 0.1	U < 0.1	U < 0.1	U < 0.1	U < 0.1
TOLUENE	108-88-3	U < 0.15	U < 0.15	U < 0.15	U < 0.15	U < 0.15	J 0.16	U < 0.15
TRANS-1,2-DICHLOROETHENE	156-60-5	U < 0.13	U < 0.13	U < 0.13	U < 0.13	U < 0.13	U < 0.13	U < 0.13
TRANS-1,3-DICHLOROPROPENE	10061-02-6	U < 0.24	U < 0.24	U < 0.24	U < 0.24	U < 0.24	U < 0.24	U < 0.24
TRIBOMOMETHANE (BROMOFORM)	75-25-2	U < 0.19	U < 0.19	U < 0.19	U < 0.19	U < 0.19	U < 0.19	U < 0.19
TRICHLOROETHYLENE (TCE)	79-01-6	U < 0.09	U < 0.09	U < 0.09	U < 0.09	U < 0.09	U < 0.09	U < 0.09
TRICHLOROFLUOROMETHANE	75-69-4	U < 0.15	U < 0.15	U < 0.15	U < 0.15	U < 0.15	U < 0.15	U < 0.15
VINYL CHLORIDE	75-01-4	U < 0.14	U < 0.14	U < 0.14	U < 0.14	U < 0.14	U < 0.14	U < 0.14
XYLENES, TOTAL	1330-20-7	---	---	U < 0.36	U < 0.36	---	---	---

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Location		20120801EB	20120801TB	20120803EB	20120803TB	20120806EB	20120806TB	20120807EB
Collection Date	CAS No.	8/1/2012	8/1/2012	8/3/2012	8/3/2012	8/6/2012	8/6/2012	8/7/2012
Parameter								
Semi-Volatile Organic Compounds								
1,1'-BIPHENYL	92-52-4	U < 2.8	---	U < 2.9	---	U < 2.9	---	U < 2.9
1,2,4,5-TETRACHLOROBENZENE	95-94-3	U < 2.6	---	U < 2.7	---	U < 2.7	---	U < 2.7
1,2,4-TRICHLOROBENZENE	120-82-1	U < 0.34	---	U < 0.34	---	U < 0.34	---	U < 0.34
1,2-BENZPHENANTHRACENE (CHRYSENE)	218-01-9	U < 3.1	---	U < 3.2	---	U < 3.2	---	U < 3.2
1,2-DICHLOROBENZENE	95-50-1	U < 0.21	---	U < 0.21	---	U < 0.21	---	U < 0.21
1,3-DICHLOROBENZENE	541-73-1	U < 0.14	---	U < 0.14	---	U < 0.14	---	U < 0.14
1,4-DICHLOROBENZENE	106-46-7	U < 0.23	---	U < 0.23	---	U < 0.23	---	U < 0.23
2,3,4,6-TETRACHLOROPHENOL	58-90-2	U < 2.5	---	U < 2.6	---	U < 2.6	---	U < 2.6
2,4,5-TRICHLOROPHENOL	95-95-4	U < 2.6	---	U < 2.7	---	U < 2.7	---	U < 2.7
2,4,6-TRICHLOROPHENOL	88-06-2	U < 2.4	---	U < 2.4	---	U < 2.4	---	U < 2.5
2,4-DICHLOROPHENOL	120-83-2	U < 2.6	---	U < 2.7	---	U < 2.7	---	U < 2.7
2,4-DIMETHYLPHENOL	105-67-9	U < 3.4	---	U < 3.5	---	U < 3.5	---	U < 3.5
2,4-DINITROPHENOL	51-28-5	U < 5.4	---	U < 5.5	---	U < 5.5	---	U < 5.6
2,4-DINITROTOLUENE	121-14-2	U < 0.47	---	U < 0.48	---	U < 0.48	---	U < 0.49
2,6-DINITROTOLUENE	606-20-2	U < 0.61	---	U < 0.62	---	U < 0.62	---	U < 0.64
2-CHLORONAPHTHALENE	91-58-7	U < 2.7	---	U < 2.8	---	U < 2.8	---	U < 2.8
2-CHLOROPHENOL	95-57-8	U < 2.2	---	U < 2.2	---	U < 2.2	---	U < 2.3
2-METHYLNAPHTHALENE	91-57-6	U < 3	---	U < 3.1	---	U < 3.1	---	U < 3.1
2-METHYLPHENOL (O-CRESOL)	95-48-7	U < 1.8	---	U < 1.8	---	U < 1.8	---	U < 1.9
2-NITROANILINE	88-74-4	U < 4.9	---	U < 5	---	U < 5	---	U < 5.1
2-NITROPHENOL	88-75-5	U < 2.4	---	U < 2.4	---	U < 2.4	---	U < 2.5
3,3'-DICHLOROBENZIDINE	91-94-1	U < 4.9	---	U < 5	---	U < 5	---	U < 5.1
3-NITROANILINE	99-09-2	U < 5	---	U < 5.1	---	U < 5.1	---	U < 5.2
4,6-DINITRO-2-METHYLPHENOL	534-52-1	U < 4.7	---	U < 4.8	---	U < 4.8	---	U < 4.9
4-BROMOPHENYL PHENYL ETHER	101-55-3	U < 2.5	---	U < 2.6	---	U < 2.6	---	U < 2.6
4-CHLORO-3-METHYLPHENOL	59-50-7	U < 2.5	---	U < 2.6	---	U < 2.6	---	U < 2.6
4-CHLOROANILINE	106-47-8	U < 2	---	---	---	U < 2	---	U < 2.1
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	U < 2.5	---	U < 2.6	---	U < 2.6	---	U < 2.6
4-METHYLPHENOL (P-CRESOL)	106-44-5	U < 1.6	---	U < 1.6	---	U < 1.6	---	U < 1.7
4-NITROANILINE	100-01-6	U < 5.8	---	U < 5.9	---	U < 5.9	---	U < 6
4-NITROPHENOL	100-02-7	U < 6.7	---	U < 6.8	---	U < 6.8	---	U < 7
ACENAPHTHENE	83-32-9	U < 2.7	---	U < 2.8	---	U < 2.8	---	U < 2.8
ACENAPHTHYLENE	208-96-8	U < 2.7	---	U < 2.8	---	U < 2.8	---	U < 2.8
ACETOPHENONE	98-86-2	U < 2.7	---	U < 2.8	---	U < 2.8	---	U < 2.8
ANTHRACENE	120-12-7	U < 2.8	---	U < 2.9	---	U < 2.9	---	U < 2.9
ATRAZINE	1912-24-9	U < 3	---	U < 3.1	---	U < 3.1	---	U < 3.1
BENZALDEHYDE	100-52-7	U < 2	---	U < 2	---	U < 2	---	U < 2.1
BENZO(A)ANTHRACENE	56-55-3	U < 0.27	---	U < 0.28	---	U < 0.28	---	U < 0.28
BENZO(A)PYRENE	50-32-8	U < 0.14	---	U < 0.14	---	U < 0.14	---	U < 0.15
BENZO(B)FLUORANTHENE	205-99-2	U < 0.26	---	U < 0.27	---	U < 0.27	---	U < 0.27
BENZO(G,H,I)PERYLENE	191-24-2	U < 2	---	U < 2	---	U < 2	---	U < 2.1
BENZO(K)FLUORANTHENE	207-08-9	U < 0.26	---	U < 0.27	---	U < 0.27	---	U < 0.27

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Location		20120801EB	20120801TB	20120803EB	20120803TB	20120806EB	20120806TB	20120807EB
Collection Date	CAS No.	8/1/2012	8/1/2012	8/3/2012	8/3/2012	8/6/2012	8/6/2012	8/7/2012
Parameter								
BIS (2-CHLOROETHOXY) METHANE	111-91-1	U < 2.6	---	U < 2.7	---	U < 2.7	---	U < 2.7
BIS (2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	111-44-4	U < 0.28	---	U < 0.29	---	U < 0.29	---	U < 0.29
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	U < 2	---	U < 2	---	U < 2	---	U < 2.1
BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	U < 2	---	U < 2	---	U < 2	---	U < 2.1
BUTYL BENZYL PHTHALATE	85-68-7	U < 2.5	---	U < 2.6	---	U < 2.6	---	U < 2.6
CAPROLACTAM	105-60-2	U < 2.5	---	U < 2.6	---	U < 2.6	---	U < 2.6
CARBAZOLE	86-74-8	U < 3.2	---	U < 3.3	---	U < 3.3	---	U < 3.3
DIBENZ(A,H)ANTHRACENE	53-70-3	U < 0.09	---	U < 0.092	---	U < 0.092	---	U < 0.094
DIBENZOFURAN	132-64-9	U < 2.8	---	U < 2.9	---	U < 2.9	---	U < 2.9
DIETHYL PHTHALATE	84-66-2	U < 2.9	---	U < 3	---	U < 3	---	U < 3
DIMETHYL PHTHALATE	131-11-3	U < 2.8	---	U < 2.9	---	U < 2.9	---	U < 2.9
DI-N-BUTYLPHTHALATE	84-74-2	U < 2.9	---	U < 3	---	U < 3	---	U < 3
DI-N-OCTYLPHTHALATE	117-84-0	U < 1.5	---	U < 1.5	---	U < 1.5	---	U < 1.6
FLUORANTHENE	206-44-0	U < 3.2	---	U < 3.3	---	U < 3.3	---	U < 3.3
FLUORENE	86-73-7	U < 2.8	---	U < 2.9	---	U < 2.9	---	U < 2.9
HEXACHLOROBENZENE	118-74-1	U < 0.29	---	U < 0.3	---	U < 0.3	---	U < 0.3
HEXACHLOROBUTADIENE	87-68-3	U < 0.57	---	U < 0.58	---	U < 0.58	---	U < 0.59
HEXACHLOROCYCLOPENTADIENE	77-47-4	U < 1.7	---	U < 1.7	---	U < 1.7	---	U < 1.8
HEXACHLOROETHANE	67-72-1	U < 0.25	---	U < 0.26	---	U < 0.26	---	U < 0.26
INDENO (1,2,3-C,D) PYRENE	193-39-5	U < 0.15	---	U < 0.15	---	U < 0.15	---	U < 0.16
ISOPHORONE	78-59-1	U < 2.7	---	U < 2.8	---	U < 2.8	---	U < 2.8
NAPHTHALENE	91-20-3	U < 2.7	---	U < 2.8	---	U < 2.8	---	U < 2.8
NITROBENZENE	98-95-3	U < 0.3	---	U < 0.31	---	U < 0.31	---	U < 0.31
N-NITROSODI-N-PROPYLAMINE	621-64-7	U < 0.25	---	U < 0.26	---	U < 0.26	---	U < 0.26
N-NITROSODIPHENYLAMINE	86-30-6	U < 2.9	---	U < 3	---	U < 3	---	U < 3
PENTACHLOROPHENOL	87-86-5	U < 5.3	---	U < 5.4	---	U < 5.4	---	U < 5.5
PHENANTHRENE	85-01-8	U < 3.1	---	U < 3.2	---	U < 3.2	---	U < 3.2
PHENOL	108-95-2	U < 0.81	---	U < 0.83	---	U < 0.83	---	U < 0.84
PYRENE	129-00-0	U < 2.9	---	U < 3	---	U < 3	---	U < 3
Pesticides								
ALDRIN	309-00-2	U < 0.01	---	U < 0.01	---	U < 0.01	---	U < 0.012
ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	319-84-6	U < 0.01	---	U < 0.01	---	U < 0.01	---	U < 0.012
ALPHA ENDOSULFAN	959-98-8	---	---	---	---	---	---	---
BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	319-85-7	U < 0.011	---	U < 0.011	---	U < 0.011	---	U < 0.013
BETA ENDOSULFAN	33213-65-9	---	---	---	---	---	---	---
CHLORDANE	57-74-9	U < 0.34	---	U < 0.34	---	U < 0.34	---	U < 0.4
DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	319-86-8	U < 0.0091	---	U < 0.0091	---	U < 0.0091	---	U < 0.011
DIELDRIN	60-57-1	U < 0.0051	---	U < 0.0051	---	U < 0.0051	---	U < 0.006
ENDOSULFAN I	959-98-8	U < 0.0091	---	U < 0.0091	---	U < 0.0091	---	U < 0.011
ENDOSULFAN II	33213-65-9	U < 0.01	---	U < 0.01	---	U < 0.01	---	U < 0.012
ENDOSULFAN SULFATE	1031-07-8	U < 0.016	---	U < 0.016	---	U < 0.016	---	U < 0.019
ENDRIN	72-20-8	U < 0.01	---	U < 0.01	---	U < 0.01	---	U < 0.012
ENDRIN ALDEHYDE	7421-93-4	U < 0.0091	---	U < 0.0091	---	U < 0.0091	---	U < 0.011
ENDRIN KETONE	53494-70-5	U < 0.011	---	U < 0.011	---	U < 0.011	---	U < 0.013
GAMMA BHC (LINDANE)	58-89-9	U < 0.012	---	U < 0.012	---	U < 0.012	---	U < 0.014
HEPTACHLOR	76-44-8	U < 0.01	---	U < 0.01	---	U < 0.01	---	U < 0.012
HEPTACHLOR EPOXIDE	1024-57-3	U < 0.01	---	U < 0.01	---	U < 0.01	---	U < 0.012
METHOXYCHLOR	72-43-5	U < 0.013	---	U < 0.013	---	U < 0.013	---	U < 0.016
P,P'-DDD	72-54-8	U < 0.011	---	U < 0.011	---	U < 0.011	---	U < 0.013
P,P'-DDE	72-55-9	U < 0.0091	---	U < 0.0091	---	U < 0.0091	---	U < 0.011
P,P'-DDT	50-29-3	U < 0.01	---	U < 0.01	---	U < 0.01	---	U < 0.012
TOXAPHENE (CAMPHECHLOR)	8001-35-2	U < 0.2	---	U < 0.2	---	U < 0.2	---	U < 0.24

Table B-4
Summary of Soil QA/QC Sample Results - Trip Blanks and Rinsate Blanks
Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location		20120801EB	20120801TB	20120803EB	20120803TB	20120806EB	20120806TB	20120807EB
Collection Date	CAS No.	8/1/2012	8/1/2012	8/3/2012	8/3/2012	8/6/2012	8/6/2012	8/7/2012
Parameter								
Metals								
ALUMINUM	7429-90-5	U < 43.8	---	U < 72.1	---	U < 72.1	---	U < 72.1
ANTIMONY	7440-36-0	U < 1.9	---	U < 7.4	---	U < 7.4	---	U < 7.4
ARSENIC	7440-38-2	U < 1.8	---	U < 3.7	---	U < 3.7	---	J 3.7
BARIUM	7440-39-3	U < 3.8	---	U < 5.9	---	U < 5.9	---	U < 5.9
BERYLLIUM	7440-41-7	U < 0.8	---	U < 0.78	---	U < 0.78	---	U < 0.78
CADMIUM	7440-43-9	U < 2	---	U < 0.82	---	U < 0.82	---	U < 0.82
CALCIUM	7440-70-2	U < 196	---	U < 305	---	U < 305	---	U < 305
CHROMIUM (TOTAL)	7440-47-3	U < 3.9	---	U < 4.5	---	U < 4.5	---	U < 4.5
COBALT	7440-48-4	U < 3.9	---	U < 4.3	---	U < 4.3	---	U < 4.3
COPPER	7440-50-8	U < 3.8	---	U < 7.8	---	U < 7.8	---	U < 7.8
IRON	7439-89-6	U < 119	---	U < 73.6	---	U < 73.6	---	U < 73.6
LEAD	7439-92-1	U < 1.2	---	U < 4	---	U < 4	---	U < 4
MAGNESIUM	7439-95-4	U < 197	---	U < 321	---	U < 321	---	U < 321
MANGANESE	7439-96-5	U < 8.1	---	U < 4.3	---	U < 4.3	---	U < 4.3
NICKEL	7440-02-0	U < 4.1	---	U < 5	---	U < 5	---	U < 5
POTASSIUM	7440-09-7	---	---	U < 525	---	U < 525	---	---
SELENIUM	7782-49-2	U < 1.5	---	U < 5.8	---	U < 5.8	---	U < 5.8
SILVER	7440-22-4	U < 4.1	---	U < 1.3	---	U < 1.3	---	U < 1.3
SODIUM	7440-23-5	U < 193	---	U < 821	---	U < 821	---	U < 821
THALLIUM	7440-28-0	U < 0.79	---	U < 5.2	---	U < 5.2	---	U < 5.2
VANADIUM	7440-62-2	U < 3.8	---	U < 4	---	U < 4	---	U < 4
ZINC	7440-66-6	U < 19.7	---	U < 5.8	---	U < 5.8	---	U < 5.8
MERCURY	7439-97-6	U < 0.16	---	U < 0.16	---	U < 0.16	---	U < 0.16

Notes:
All results in µg/L
U = Non-detect at the Reporting Detection Limit shown
UJ = Estimated Non-detect at the Reporting Detection Limit shown
J = Estimated value
-- Sample not analyzed (analysis not requested) for this parameter
or datum was rejected
TB = Trip Blank; EB = Equipment Blank

Table B-4
Summary of Soil QA/QC Sample Results - Trip Blanks and Rinsate Blanks
Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location		20120807TB	20120910EB	20120910TB	20120911EB	20120911TB	20120912EB	20120912TB
Collection Date	CAS No.	8/7/2012	9/10/2012	9/10/2012	9/11/2012	9/11/2012	9/12/2012	9/12/2012
Parameter								
Volatile Organic Compounds								
1,1,1-TRICHLOROETHANE	71-55-6	U < 0.06	U < 0.06	U < 0.06	U < 0.06	U < 0.06	U < 0.06	U < 0.06
1,1,2,2-TETRACHLOROETHANE	79-34-5	U < 0.16	U < 0.16	U < 0.16	U < 0.16	U < 0.16	U < 0.16	U < 0.16
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	U < 0.08	U < 0.08	U < 0.08	U < 0.08	U < 0.08	U < 0.08	U < 0.08
1,1,2-TRICHLOROETHANE	79-00-5	U < 0.19	U < 0.19	U < 0.19	U < 0.19	U < 0.19	U < 0.19	U < 0.19
1,1-DICHLOROETHANE	75-34-3	U < 0.13	U < 0.13	U < 0.13	U < 0.13	U < 0.13	U < 0.13	U < 0.13
1,1-DICHLOROETHENE	75-35-4	U < 0.09	U < 0.09	U < 0.09	U < 0.09	U < 0.09	U < 0.09	U < 0.09
1,2,3-TRICHLOROBENZENE	87-61-6	U < 0.51	U < 0.51	U < 0.51	U < 0.51	U < 0.51	U < 0.51	U < 0.51
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	U < 0.4	U < 0.4	U < 0.4	U < 0.017	U < 0.4	U < 0.4	U < 0.4
1,2-DIBROMOETHANE	106-93-4	U < 0.28	U < 0.28	U < 0.28	U < 0.015	U < 0.28	U < 0.28	U < 0.28
1,2-DICHLOROETHANE	107-06-2	U < 0.19	U < 0.19	U < 0.19	U < 0.19	U < 0.19	U < 0.19	U < 0.19
1,2-DICHLOROPROPANE	78-87-5	U < 0.09	U < 0.09	U < 0.09	U < 0.09	U < 0.09	U < 0.09	U < 0.09
1,4-DIOXANE	123-91-1	U < 36	U < 36	U < 36	U < 0.31	U < 36	U < 36	U < 36
2-HEXANONE	591-78-6	U < 0.5	U < 0.5	U < 0.5	U < 0.5	U < 0.5	U < 0.5	U < 0.5
ACETONE	67-64-1	U < 2.7	U < 2.7	U < 2.7	U < 2.7	U < 2.7	U < 2.7	U < 2.7
BENZENE	71-43-2	U < 0.08	U < 0.08	U < 0.08	U < 0.08	U < 0.08	U < 0.08	U < 0.08
BROMODICHLOROMETHANE	75-27-4	U < 0.12	U < 0.12	U < 0.12	U < 0.12	U < 0.12	U < 0.12	U < 0.12
BROMOMETHANE	74-83-9	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18
CARBON DISULFIDE	75-15-0	U < 0.13	U < 0.13	U < 0.13	U < 0.13	U < 0.13	U < 0.13	U < 0.13
CARBON TETRACHLORIDE	56-23-5	U < 0.06	U < 0.06	U < 0.06	U < 0.06	U < 0.06	U < 0.06	U < 0.06
CHLOROBENZENE	108-90-7	U < 0.11	U < 0.11	U < 0.11	U < 0.11	U < 0.11	U < 0.11	U < 0.11
CHLOROBROMOMETHANE	74-97-5	U < 0.27	U < 0.27	U < 0.27	U < 0.27	U < 0.27	U < 0.27	U < 0.27
CHLOROETHANE	75-00-3	U < 0.17	U < 0.17	U < 0.17	U < 0.17	U < 0.17	U < 0.17	U < 0.17
CHLOROFORM	67-66-3	U < 0.08	U < 0.08	U < 0.08	U < 0.08	U < 0.08	U < 0.08	U < 0.08
CHLOROMETHANE	74-87-3	U < 0.1	U < 0.1	U < 0.1	U < 0.1	U < 0.1	U < 0.1	U < 0.1
CIS-1,2-DICHLOROETHYLENE	156-59-2	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18
CIS-1,3-DICHLOROPROPENE	10061-01-5	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18
CYCLOHEXANE	110-82-7	U < 0.16	U < 0.16	U < 0.16	U < 0.16	U < 0.16	U < 0.16	U < 0.16
DIBROMOCHLOROMETHANE	124-48-1	U < 0.2	U < 0.2	U < 0.2	U < 0.2	U < 0.2	U < 0.2	U < 0.2
DICHLORODIFLUOROMETHANE	75-71-8	U < 0.22	U < 0.22	U < 0.22	U < 0.22	U < 0.22	U < 0.22	U < 0.22
ETHYLBENZENE	100-41-4	U < 0.1	U < 0.1	U < 0.1	U < 0.1	U < 0.1	U < 0.1	U < 0.1
ISOPROPYLBENZENE	98-82-8	U < 0.08	U < 0.08	U < 0.08	U < 0.08	U < 0.08	U < 0.08	U < 0.08
METHYL ACETATE	79-20-9	U < 0.34	U < 0.34	U < 0.34	U < 0.34	U < 0.34	U < 0.34	U < 0.34
METHYL ETHYL KETONE (2-BUTANONE)	78-93-3	U < 2.3	U < 2.3	U < 2.3	U < 2.3	U < 2.3	U < 2.3	U < 2.3
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	108-10-1	U < 0.99	U < 0.99	U < 0.99	U < 0.99	U < 0.99	U < 0.99	U < 0.99
METHYL TERT-BUTYL ETHER	1634-04-4	U < 0.14	U < 0.14	U < 0.14	U < 0.14	U < 0.14	U < 0.14	U < 0.14
METHYLCYCLOHEXANE	108-87-2	U < 0.14	U < 0.14	U < 0.14	U < 0.14	U < 0.14	U < 0.14	U < 0.14
METHYLENE CHLORIDE (DICHLOROMETHANE)	75-09-2	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18	U < 0.18
STYRENE	100-42-5	U < 0.12	U < 0.12	U < 0.12	U < 0.12	U < 0.12	U < 0.12	U < 0.12
TERT-BUTYL METHYL ETHER	1634-04-4	U < 0.14	U < 0.14	U < 0.14	U < 0.14	U < 0.14	U < 0.14	U < 0.14
TETRACHLOROETHYLENE (PCE)	127-18-4	U < 0.1	U < 0.1	U < 0.1	U < 0.1	U < 0.1	U < 0.1	U < 0.1
TOLUENE	108-88-3	J 0.25	U < 0.15	U < 0.15	U < 0.15	U < 0.15	U < 0.15	U < 0.15
TRANS-1,2-DICHLOROETHENE	156-60-5	U < 0.13	U < 0.13	U < 0.13	U < 0.13	U < 0.13	U < 0.13	U < 0.13
TRANS-1,3-DICHLOROPROPENE	10061-02-6	U < 0.24	U < 0.24	U < 0.24	U < 0.24	U < 0.24	U < 0.24	U < 0.24
TRIBOMOMETHANE (BROMOFORM)	75-25-2	U < 0.19	U < 0.19	U < 0.19	U < 0.19	U < 0.19	U < 0.19	U < 0.19
TRICHLOROETHYLENE (TCE)	79-01-6	U < 0.09	U < 0.09	U < 0.09	U < 0.09	U < 0.09	U < 0.09	U < 0.09
TRICHLOROFLUOROMETHANE	75-69-4	U < 0.15	U < 0.15	U < 0.15	U < 0.15	U < 0.15	U < 0.15	U < 0.15
VINYL CHLORIDE	75-01-4	U < 0.14	U < 0.14	U < 0.14	U < 0.14	U < 0.14	U < 0.14	U < 0.14
XYLENES, TOTAL	1330-20-7	---	---	---	---	---	---	---

Table B-4
Summary of Soil QA/QC Sample Results - Trip Blanks and Rinsate Blanks
Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location		20120807TB	20120910EB	20120910TB	20120911EB	20120911TB	20120912EB	20120912TB
Collection Date	CAS No.	8/7/2012	9/10/2012	9/10/2012	9/11/2012	9/11/2012	9/12/2012	9/12/2012
Parameter								
Semi-Volatile Organic Compounds								
1,1'-BIPHENYL	92-52-4	---	U < 2.9	---	U < 2.8	---	U < 2.8	---
1,2,4,5-TETRACHLOROBENZENE	95-94-3	---	U < 2.7	---	U < 2.6	---	U < 2.6	---
1,2,4-TRICHLOROBENZENE	120-82-1	---	U < 0.34	---	U < 0.34	---	U < 0.34	U < 0.34
1,2-BENZPHENANTHRACENE (CHRYSENE)	218-01-9	---	U < 3.2	---	U < 3.1	---	U < 3.1	---
1,2-DICHLOROBENZENE	95-50-1	---	U < 0.21	---	U < 0.21	---	U < 0.21	U < 0.21
1,3-DICHLOROBENZENE	541-73-1	---	U < 0.14	---	U < 0.14	---	U < 0.14	U < 0.14
1,4-DICHLOROBENZENE	106-46-7	---	U < 0.23	---	U < 0.23	---	U < 0.23	U < 0.23
2,3,4,6-TETRACHLOROPHENOL	58-90-2	---	U < 2.6	---	U < 2.5	---	U < 2.5	---
2,4,5-TRICHLOROPHENOL	95-95-4	---	U < 2.7	---	U < 2.6	---	U < 2.6	---
2,4,6-TRICHLOROPHENOL	88-06-2	---	U < 2.4	---	U < 2.4	---	U < 2.4	---
2,4-DICHLOROPHENOL	120-83-2	---	U < 2.7	---	U < 2.6	---	U < 2.6	---
2,4-DIMETHYLPHENOL	105-67-9	---	U < 3.5	---	U < 3.4	---	U < 3.4	---
2,4-DINITROPHENOL	51-28-5	---	U < 5.5	---	U < 5.5	---	U < 5.5	---
2,4-DINITROTOLUENE	121-14-2	---	U < 0.48	---	U < 0.47	---	U < 0.47	---
2,6-DINITROTOLUENE	606-20-2	---	U < 0.62	---	U < 0.62	---	U < 0.62	---
2-CHLORONAPHTHALENE	91-58-7	---	U < 2.8	---	U < 2.7	---	U < 2.7	---
2-CHLOROPHENOL	95-57-8	---	U < 2.2	---	U < 2.2	---	U < 2.2	---
2-METHYLNAPHTHALENE	91-57-6	---	U < 3.1	---	U < 3	---	U < 3	---
2-METHYLPHENOL (O-CRESOL)	95-48-7	---	U < 1.8	---	U < 1.8	---	U < 1.8	---
2-NITROANILINE	88-74-4	---	U < 5	---	U < 4.9	---	U < 4.9	---
2-NITROPHENOL	88-75-5	---	U < 2.4	---	U < 2.4	---	U < 2.4	---
3,3'-DICHLOROBENZIDINE	91-94-1	---	U < 5	---	U < 4.9	---	U < 4.9	---
3-NITROANILINE	99-09-2	---	U < 5.1	---	U < 5.1	---	U < 5.1	---
4,6-DINITRO-2-METHYLPHENOL	534-52-1	---	U < 4.8	---	U < 4.7	---	U < 4.7	---
4-BROMOPHENYL PHENYL ETHER	101-55-3	---	U < 2.6	---	U < 2.5	---	U < 2.5	---
4-CHLORO-3-METHYLPHENOL	59-50-7	---	U < 2.6	---	U < 2.5	---	U < 2.5	---
4-CHLOROANILINE	106-47-8	---	U < 2	---	U < 2	---	U < 2	---
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	---	U < 2.6	---	U < 2.5	---	U < 2.5	---
4-METHYLPHENOL (P-CRESOL)	106-44-5	---	U < 1.6	---	U < 1.6	---	U < 1.6	---
4-NITROANILINE	100-01-6	---	U < 5.9	---	U < 5.9	---	U < 5.9	---
4-NITROPHENOL	100-02-7	---	U < 6.8	---	U < 6.8	---	U < 6.8	---
ACENAPHTHENE	83-32-9	---	U < 2.8	---	U < 2.7	---	U < 2.7	---
ACENAPHTHYLENE	208-96-8	---	U < 2.8	---	U < 2.7	---	U < 2.7	---
ACETOPHENONE	98-86-2	---	U < 2.8	---	U < 2.7	---	U < 2.7	---
ANTHRACENE	120-12-7	---	U < 2.9	---	U < 2.8	---	U < 2.8	---
ATRAZINE	1912-24-9	---	U < 3.1	---	U < 3	---	U < 3	---
BENZALDEHYDE	100-52-7	---	U < 2	---	U < 2	---	U < 2	---
BENZO(A)ANTHRACENE	56-55-3	---	U < 0.28	---	U < 0.035	---	U < 0.27	---
BENZO(A)PYRENE	50-32-8	---	U < 0.14	---	U < 0.048	---	U < 0.14	---
BENZO(B)FLUORANTHENE	205-99-2	---	U < 0.27	---	U < 0.03	---	U < 0.26	---
BENZO(G,H,I)PERYLENE	191-24-2	---	U < 2	---	U < 2	---	U < 2	---
BENZO(K)FLUORANTHENE	207-08-9	---	U < 0.27	---	U < 0.26	---	U < 0.26	---

Table B-4
Summary of Soil QA/QC Sample Results - Trip Blanks and Rinsate Blanks
Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location		20120807TB	20120910EB	20120910TB	20120911EB	20120911TB	20120912EB	20120912TB
Collection Date	CAS No.	8/7/2012	9/10/2012	9/10/2012	9/11/2012	9/11/2012	9/12/2012	9/12/2012
Parameter								
BIS (2-CHLOROETHOXY) METHANE	111-91-1	---	U < 2.7	---	U < 2.6	---	U < 2.6	---
BIS (2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	111-44-4	---	U < 0.29	---	U < 0.28	---	U < 0.28	---
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	---	U < 2	---	U < 2	---	U < 2	---
BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	---	U < 2	---	U < 2	---	---	---
BUTYL BENZYL PHTHALATE	85-68-7	---	U < 2.6	---	U < 2.5	---	U < 2.5	---
CAPROLACTAM	105-60-2	---	U < 2.6	---	U < 2.5	---	U < 2.5	---
CARBAZOLE	86-74-8	---	U < 3.3	---	U < 3.2	---	U < 3.2	---
DIBENZ(A,H)ANTHRACENE	53-70-3	---	U < 0.092	---	U < 0.091	---	U < 0.091	---
DIBENZOFURAN	132-64-9	---	U < 2.9	---	U < 2.8	---	U < 2.8	---
DIETHYL PHTHALATE	84-66-2	---	U < 3	---	U < 2.9	---	U < 2.9	---
DIMETHYL PHTHALATE	131-11-3	---	U < 2.9	---	U < 2.8	---	U < 2.8	---
DI-N-BUTYLPHTHALATE	84-74-2	---	U < 3	---	U < 2.9	---	U < 2.9	---
DI-N-OCTYLPHTHALATE	117-84-0	---	U < 1.5	---	U < 1.5	---	U < 1.5	---
FLUORANTHENE	206-44-0	---	U < 3.3	---	U < 3.2	---	U < 3.2	---
FLUORENE	86-73-7	---	U < 2.9	---	U < 2.8	---	U < 2.8	---
HEXACHLOROBENZENE	118-74-1	---	U < 0.3	---	U < 0.017	---	U < 0.29	---
HEXACHLOROBUTADIENE	87-68-3	---	U < 0.58	---	U < 0.58	---	U < 0.58	---
HEXACHLOROCYCLOPENTADIENE	77-47-4	---	U < 1.7	---	U < 1.7	---	U < 1.7	---
HEXACHLOROETHANE	67-72-1	---	U < 0.26	---	U < 0.25	---	U < 0.25	---
INDENO (1,2,3-C,D) PYRENE	193-39-5	---	U < 0.15	---	U < 0.15	---	U < 0.15	---
ISOPHORONE	78-59-1	---	U < 2.8	---	U < 2.7	---	U < 2.7	---
NAPHTHALENE	91-20-3	---	U < 2.8	---	U < 2.7	---	U < 2.7	---
NITROBENZENE	98-95-3	---	U < 0.31	---	U < 0.3	---	U < 0.3	---
N-NITROSODI-N-PROPYLAMINE	621-64-7	---	U < 0.26	---	U < 0.25	---	U < 0.25	---
N-NITROSODIPHENYLAMINE	86-30-6	---	U < 3	---	U < 2.9	---	U < 2.9	---
PENTACHLOROPHENOL	87-86-5	---	U < 5.4	---	U < 0.14	---	U < 5.4	---
PHENANTHRENE	85-01-8	---	U < 3.2	---	U < 3.1	---	U < 3.1	---
PHENOL	108-95-2	---	U < 0.83	---	U < 0.82	---	U < 0.82	---
PYRENE	129-00-0	---	U < 3	---	U < 2.9	---	U < 2.9	---
Pesticides								
ALDRIN	309-00-2	---	U < 0.01	---	U < 0.01	---	U < 0.01	---
ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	319-84-6	---	U < 0.01	---	U < 0.01	---	U < 0.01	---
ALPHA ENDOSULFAN	959-98-8	---	---	---	---	---	---	---
BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	319-85-7	---	U < 0.011	---	U < 0.011	---	U < 0.011	---
BETA ENDOSULFAN	33213-65-9	---	---	---	---	---	---	---
CHLORDANE	57-74-9	---	U < 0.34	---	U < 0.35	---	U < 0.34	---
DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	319-86-8	---	U < 0.0093	---	U < 0.0094	---	U < 0.0091	---
DIELDRIN	60-57-1	---	U < 0.0052	---	U < 0.0052	---	U < 0.0051	---
ENDOSULFAN I	959-98-8	---	U < 0.0093	---	U < 0.0094	---	U < 0.0091	---
ENDOSULFAN II	33213-65-9	---	U < 0.01	---	U < 0.01	---	U < 0.01	---
ENDOSULFAN SULFATE	1031-07-8	---	U < 0.016	---	U < 0.017	---	U < 0.016	---
ENDRIN	72-20-8	---	U < 0.01	---	U < 0.01	---	U < 0.01	---
ENDRIN ALDEHYDE	7421-93-4	---	U < 0.0093	---	U < 0.0094	---	U < 0.0091	---
ENDRIN KETONE	53494-70-5	---	U < 0.011	---	U < 0.011	---	U < 0.011	---
GAMMA BHC (LINDANE)	58-89-9	---	U < 0.012	---	U < 0.013	---	U < 0.012	---
HEPTACHLOR	76-44-8	---	U < 0.01	---	U < 0.01	---	U < 0.01	---
HEPTACHLOR EPOXIDE	1024-57-3	---	U < 0.01	---	U < 0.01	---	U < 0.01	---
METHOXYCHLOR	72-43-5	---	U < 0.013	---	U < 0.014	---	U < 0.013	---
P,P'-DDD	72-54-8	---	U < 0.011	---	U < 0.011	---	U < 0.011	---
P,P'-DDE	72-55-9	---	U < 0.0093	---	U < 0.0094	---	U < 0.0091	---
P,P'-DDT	50-29-3	---	U < 0.01	---	U < 0.01	---	U < 0.01	---
TOXAPHENE (CAMPHECHLOR)	8001-35-2	---	U < 0.21	---	U < 0.21	---	U < 0.2	---

Table B-4
Summary of Soil QA/QC Sample Results - Trip Blanks and Rinsate Blanks
Act 2 Soil Remedial Investigation Report
Rohm and Haas Chemicals LLC Philadelphia Plant

Location	CAS No.	20120807TB 20120910EB 20120910TB 20120911EB 20120911TB 20120912EB 20120912TB							
Collection Date		8/7/2012 9/10/2012 9/10/2012 9/11/2012 9/11/2012 9/12/2012 9/12/2012							
Parameter									
Metals									
ALUMINUM	7429-90-5	West Production Area	---	U < 72.1	---	U < 72.1	---	U < 72.1	---
ANTIMONY	7440-36-0		---	U < 7.4	---	U < 7.4	---	U < 7.4	---
ARSENIC	7440-38-2		---	U < 3.7	---	U < 3.7	---	U < 3.7	---
BARIUM	7440-39-3		---	U < 5.9	---	U < 5.9	---	U < 5.9	---
BERYLLIUM	7440-41-7		---	U < 0.78	---	U < 0.78	---	U < 0.78	---
CADMIUM	7440-43-9		---	U < 0.82	---	U < 0.82	---	U < 0.82	---
CALCIUM	7440-70-2		---	U < 305	---	U < 305	---	U < 305	---
CHROMIUM (TOTAL)	7440-47-3		---	U < 4.5	---	U < 4.5	---	U < 4.5	---
COBALT	7440-48-4		---	U < 4.3	---	U < 4.3	---	U < 4.3	---
COPPER	7440-50-8		---	U < 7.8	---	U < 7.8	---	U < 7.8	---
IRON	7439-89-6		---	U < 73.6	---	U < 73.6	---	U < 73.6	---
LEAD	7439-92-1		---	U < 4	---	U < 4	---	U < 4	---
MAGNESIUM	7439-95-4		---	U < 321	---	U < 321	---	U < 321	---
MANGANESE	7439-96-5		---	U < 4.3	---	U < 4.3	---	U < 4.3	---
NICKEL	7440-02-0		---	U < 5	---	U < 5	---	U < 5	---
POTASSIUM	7440-09-7		---	U < 525	---	U < 525	---	U < 525	---
SELENIUM	7782-49-2		---	U < 5.8	---	U < 5.8	---	U < 5.8	---
SILVER	7440-22-4		---	U < 1.3	---	U < 1.3	---	U < 1.3	---
SODIUM	7440-23-5		---	U < 821	---	U < 821	---	U < 821	---
THALLIUM	7440-28-0		---	U < 5.2	---	U < 5.2	---	U < 5.2	---
VANADIUM	7440-62-2		---	U < 4	---	U < 4	---	U < 4	---
ZINC	7440-66-6		---	U < 5.8	---	U < 5.8	---	U < 5.8	---
MERCURY	7439-97-6		---	U < 0.16	---	U < 0.16	---	U < 0.16	---

Notes:
All results in µg/L
U = Non-detect at the Reporting Detection Limit shown
UJ = Estimated Non-detect at the Reporting Detection Limit shown
J = Estimated value
-- Sample not analyzed (analysis not requested) for this parameter
or datum was rejected
TB = Trip Blank; EB = Equipment Blank